

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

1 Q: Adventure Novels - These are among the chapters in what novel?

Wrecked on a Desert Island  
First Weeks on the Island  
Finds Print of Man's foot on the Sand  
Rescue of Prisoners from Cannibals  
Visit of Mutineers  
Return to England

A: Robinson Crusoe

2 Q: Riddles - Answer this funereal riddle.

Who makes it, has not need of it.  
Who buys it, has no use for it.  
Who uses it can neither see nor feel it.  
What is it?

A: coffin

3 Q: Novels - This is the opening line of what novel by Ian Fleming?

Most motorcars are conglomerations (this is  
a long word for bundles) of steel and wire and  
rubber and plastic and electricity and oil and  
gasoline and water, and the toffee papers  
you pushed down the crack in the back seat  
last Sunday.

A: Chitty Chitty Bang Bang

4 Q: Organs - What organ just below the diaphragm is shaped like the letter J, measures about 12 inches long, and can hold about 1.5 quarts?

A: stomach

5 Q: Atomic Weight - A uranium atom has 92 times the atomic weight of the what element?

A: hydrogen

6 Q: Etymology - The term "jovial" is derived from the name of what Roman god?

A: Jupiter (Jove)

7 Q: Poisons - What kind of tissues are destroyed or damaged by neurotoxins?

A: nerve (nervous) tissues

8 Q: Novels - These novels are all about what ancient civilization?

The Struggle of Thebes  
The Memoirs of Cleopatra  
Cheops  
Nefertiti

A: Egypt

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9 Q: Technology - What kind of light-emitting device has applications in dentistry, metal cutting, latent fingerprint detection, bloodless surgery, barcode scanning, light shows, burning optical discs, and shooting down missiles?

A: laser

10 Q: The Arts - What term, derived from the Latin word for father, indicates a person who provides substantial funding for an acting troupe?

A: patron

11 Q: The Moon - If "waning" indicates the period between full moon and new moon, what term indicates the period between new moon and full moon?

A: waxing

12 Q: Redundancy - Restate this phrase in two words.  
the autobiography of my life

A: my autobiography

13 Q: Mutinies - Who was in command of the Discovery just prior to a mutiny in 1611 that left him and 8 others adrift in a small boat somewhere north of present day Ontario?

A: Henry Hudson

14 Q: Skin Conditions - It is caused by pressure or friction, affects only the outermost layer of skin, and covers a wider area than a corn. Name this localized thickening of the epidermis.

A: callus

15 Q: Visual Acuity - A nearsighted person who can read at 20 feet what a person with normal acuity can read at 30 yards has vision measured at what value?

A: 20/90

16 Q: Island Namesakes - On Santa Catalina's Day in 1602, the Basque navigator Sebastian Viscaino landed on an island off the west coast of North America and gave it what name?

A: Santa Catalina (Catalina) Island

17 Q: Fractions - One half is one third of what number?

A:  $1 \frac{1}{2}$

18 Q: Planetary History - What is the colloquial name for a period in Earth's history called a glacial age?

A: ice age

19 Q: Fruit Color - If oranges had somehow only grown in their complementary color, what would they have been called?

A: blues

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20 Q: Wordplay - What form of wordplay is used in this verse?

Clummy mimed a clountain  
As tall as it could be.  
Its clead was in the hounds,  
Its seet were in the fea.

A: spoonerism

21 Q: Sols - Fog is an example of a liquid dispersed in what phase of matter?

A: a gas

22 Q: Igneous Rock - Name the shiny, glassy rock created when molten lava containing a high percentage of silica cools very quickly.

A: obsidian

23 Q: Seas - Name the largest country that borders the Yellow Sea.

A: China

24 Q: Vessels - What kind of Chinese sailing vessel has a name that is a synonym for rubbish?

A: junk

25 Q: Conflict - What war ended when American troops defeated soldiers commanded by General Antonio Lopez de Santa Anna?

A: Mexican War

26 Q: Comets - If Zoe was 10 years old when she saw Halley's Comet in 1986, how old will she be when she can see it again?

A: 65 (or 66)

27 Q: Lakes - What geological phenomenon formed the Finger Lakes in New York, Walden Pond in Massachusetts, and Lake of the Woods in Minnesota and Ontario?

A: glaciers

28 Q: Citizen Groups - These are tongue-in-cheek definitions about what common group of American citizens?

-someone who works for the federal  
government but who doesn't have to  
take a civil service examination  
-one who has the government on his payroll

A: taxpayer

29 Q: Aviation History - What plane took off in May of 1927 from Roosevelt Field on Long Island and landed with its one occupant about 33 hours later at Le Bourget Airport near Paris?

A: The Spirit of St. Louis

30 Q: Book Parts - In a book, what is the term for each side of each leaf?

A: page

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31 Q: River Systems - In what country would you find the Murray-Darling Basin and the Lake Eyre Basin?

A: Australia

32 Q: Feathered Foods - This is about what birds?

At one time, in the early 1800s, billions of them flocked over eastern North America. They had pinkish bodies and blue-gray heads, and long, pointed tails. But from about 1870, with the westward migration of settlers, millions of them were slaughtered for food to the point of their extinction.

A: passenger pigeons

33 Q: Borrowed Words - From what language do we get the words chow, tea, wok, and won ton?

A: Chinese

34 Q: Lines - How many straight lines can be drawn through two distinct points?

A: 1

35 Q: Consumer Math - The Auk Emporium reduced the price of a stately brass Great Auk statue by 15%. What was the original price if the sale price is \$1275?

A: \$1500

36 Q: Statehood - Name either of the two states admitted to the Union during William Howard Taft's administration.

A: Arizona, New Mexico

37 Q: Figurative Language - What figure of speech is evident in these lines?

Dad will kill me when he comes home.  
He's skinnier than a toothpick.  
She's so sad she's drowning in tears.  
I'm so hungry I could eat a horse.  
I've heard all that a thousand times.

A: hyperbole

38 Q: Circulation - The smallest blood vessels in a closed circulatory system where the exchange of gases, waste products, and other substances between the blood and cells occurs are called what?

A: capillaries

39 Q: English - What type of phrase follows "traveled" in this line?

They traveled to the eastern shore.

A: prepositional

40 Q: Exercise - What common exercise is used to develop your abs?

A: sit-ups (crunches)

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- 41 Q: Behavior - What is the name for unlearned behaviors such as nest building by birds or swimming by newborn whales?
- A: instincts
- 42 Q: Injuries - What is the common name for a contusion around the eye?
- A: black eye (shiner)
- 43 Q: Cycles - What kind of energy drives the water cycle?
- A: solar energy
- 44 Q: Sedimentary Rocks - Up to 90% of the grains of what common sedimentary rock often found in sinkholes and caverns are skeletal fragments of organisms that lived in the ocean?
- A: limestone
- 45 Q: Algebraic Ages - Represent the age of a person  $y$  years ago if his present age is  $p$  years.
- A:  $p - y$
- 46 Q: Mountain Ranges - The Blue Ridge Mountains are part of what much larger mountain range?
- A: Appalachians
- 47 Q: Ancient Wonders - Around 250 B.C., Phylo of Byzantium wrote this about what was to become one of the ancient wonders of the world?  
It has plants cultivated at a height above  
embedded in an upper terrace rather than in  
the earth.
- A: Hanging Gardens
- 48 Q: Caribbean Capitals - Kingston is the capital of what Caribbean country and member of the Commonwealth?
- A: Jamaica
- 49 Q: Sweet Stuff - What substance produced by many plants is the sugar source for honey?
- A: nectar
- 50 Q: Disorders - What is the term for motion sickness aboard a watercraft?
- A: seasickness
- 51 Q: Triangular Trade - In the era of triangular trade, what commodity produced in the Caribbean would be shipped to either New England or to Europe where it would be distilled into rum?
- A: sugar (or sugarcane or molasses)
- 52 Q: Pipe - If the outside diameter of a pipe is 19 inches and the inside diameter of the pipe is 15 inches, how thick is the pipe wall?
- A: 2 inches

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53 Q: Biological Homonyms - What term can refer to the flattened part of a moose antler, a type of tropical evergreen tree, or the inner surface of the hand?

A: palm

54 Q: Towering Diets - According to the punster, a low-calorie and low-cholesterol diet makes the Tower of Pisa do what?

A: lean

55 Q: Shared Names - What name used in a suite by Tchaikovsky is also that of a North American bird that feeds mainly on pine cone seeds as well as that of an implement used to open dried fruits such as pecans and almonds?

A: nutcracker

56 Q: Venomous Reptiles - Name any of the three U.S. states that today has no natural population of any venomous reptiles.

A: Alaska, Hawaii, Maine

57 Q: Mythical Anatomy - The part of the inner ear called the labyrinth is also the name of the Greek mythical maze in Crete within which what monster was confined?

A: Minotaur

58 Q: Patriotic Songs - This is an excerpt from what song?

You're the emblem of the land I love,  
The home of the free and the brave.  
Ev'ry heart beats true under Red, White  
and Blue,  
Where there's never a boast or a brag

A: You're a Grand Old Flag

59 Q: Heads of State - These were heads of state on what continent?

Jawaharlal Nehru  
Chiang Kai-shek  
Ho Chi-Minh

A: Asia

60 Q: Continents - What two continents are closest to Antarctica?

A: South America, Australia

61 Q: Expressions - What kind of writing error is illustrated in these phrases?

unintended mistake  
suddenly exploded  
same identical  
usual custom  
protest against  
past history  
plan ahead

A: redundancy (repetition)

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- 62 Q: Life Forms - All life can be divided into two major categories including the producers and what other?
- A: consumers
- 63 Q: Dyes - What dye with a color between blue and violet was formerly extracted from the leaves of plants of the genus *Indigofera*?
- A: indigo
- 64 Q: Square Root - The two square roots of  $25/36$  are  $5/6$  or what else?
- A:  $-5/6$
- 65 Q: Anatomical Adjectives - To what part of the body does the adjective "radio-ulnar" apply?
- A: lower arm (forearm)
- 66 Q: Population Density - In the Black Hole of Calcutta, 146 British prisoners were crammed into a room of 20 feet square. To the nearest tenth, how many square feet did each prisoner have to himself?
- A: 1.6
- 67 Q: Sound - If a sound travels 343 meters per second and it takes four seconds to hear its echo, the surface producing the echo is how far away?
- A: 686 meters
- 68 Q: 12th Century Industry - In the early 12th century at the Venetian Arsenal, ship production involved moving the partially completed vessel down a canal past various stations, where more parts were added. Producing about one new galley per day, this was an early version of what kind of industrial line?
- A: assembly line
- 69 Q: Frontier Settlements - The first two settlements in the region that became what state were Harrodsburg and Boonesborough?
- A: Kentucky
- 70 Q: Electricity - In electronics, what is another name for a nonconductor?
- A: insulator
- 71 Q: Second-Century Sightings - What is suggested by Lucian of Samosata of Syria in this excerpt from his writings?
- I saw the likeness of Derketo in Phoenicia, a  
strange marvel. It is woman for half its length,  
but the other half, from thighs to feet,  
stretched out in a fish's tail.
- A: mermaid
- 72 Q: Plurals - What is the plural of "mother-in-law"?
- A: mothers-in-law

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73 Q: Fractions - If the values of  $p$  and  $r$  in the fraction,  $(pq)/r$ , are both quadrupled, what happens to the value of the fraction?

A: Value remains the same.

74 Q: Monomial Addition - What is the sum of the following?

+8ab

-6ab

+3ab

A: 5ab

75 Q: Figurative Language - What figure of speech is used in this line?

Raising teenagers is like nailing Jell-O to a tree.

A: simile

76 Q: Eclipses - Because of effects of Earth's atmosphere, the Moon can have what apparent color during an eclipse?

A: red (reddish)

77 Q: Short Stories - By its title, you can tell this anthology of stories is about people of what country?

Sword of the Samurai

A: Japan

78 Q: Scientific Professionals - What kind of scientist is particularly intrigued by these kinds of questions?

Who were the ancestors of Homo sapiens?

What are the behavioral, social, and cultural traits of different groups of people?

A: anthropologist

79 Q: Triangles - The sides of a triangle with a perimeter of 90 meters are in the ratio of 5 to 12 to 13. What is the length of the longest side?

A: 39 meters

80 Q: Animal Anatomy - Back of the body is to hind limb as front of the body is to what?

A: forelimb

81 Q: Ancient Dramatist Grammar - What is the adverb in this line by Sophocles?

I would prefer even to fail with honor  
than to win by cheating.

A: even

82 Q: Weapons - What hunting weapon is a strictly Australian creation?

A: boomerang

83 Q: French - What does the French word "petit" mean?

A: small (petty, little)



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84 Q: Meteorology - Mountains block the passage of precipitation-producing weather systems, resulting in an area of dryness on their lee sides. This is called what kind of shadow?

A: rain shadow

85 Q: Currencies - The symbol for what currency was inspired by the Greek letter "epsilon" with two horizontal, parallel lines through its center?

A: euro

86 Q: Political Analogies - Right wing is to conservative as left wing is to what?

A: liberal

87 Q: Government Bodies - A cabinet is a body of high-ranking officials that typically represents which branch of government?

A: executive branch

88 Q: Comet Math - The Hale-Bopp comet was last seen in 1997. If its period is 2380 years and there are still people around, in what year will it next be seen?

A: 4377

89 Q: Ancient Proverbs - What prepositional phrase completes this line written by Plutarch in the second century?

He is a fool who lets slip a bird  
in the hand for a bird ...

A: in the bush

90 Q: Tense - What tense is illustrated in this sentence?

The best-laid plans of mice and men often  
go astray.

A: present tense

91 Q: Involuntary Actions - What did you just do when you expelled some 40,000 tiny droplets at speeds up to 20 miles per hour creating a 5-foot spray radius?

A: sneezed

92 Q: Communications - In 1858, Queen Victoria and President Buchanan exchanged messages by means of the first transatlantic cable, the brainchild of what American merchant and financier?

A: Cyrus Field

93 Q: Sunburn - UV exposure decreases about 4% for every 1000 foot decrease in elevation. So, in comparison to a mountaineer on top of 20,156 Mt. Denali, a fisherman near Anchorage is exposed to about what lesser percentage of UV rays?

A: 80%

94 Q: Rock - Stratification is characteristic of which of the main classifications of rock?

A: sedimentary rock

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95 Q: Out to Dinner Math - What is your total cost for a dinner if the meal is \$11.71, the tax rate is 6%, and you leave a 15% tip based on the combination of the meal and tax amounts?

A: \$14.27

96 Q: Founding Fathers - On the same day that John Adams died in Quincy, Massachusetts, what other Founding Father died at Monticello, Virginia?

A: Thomas Jefferson

97 Q: Relocations - What is the term for the movement of large numbers of people such as Europeans moving to the New World, the British to Australia and New Zealand, Jews from Europe to Israel, and early Americans westward across the North American continent?

A: migration

98 Q: Gleeful Girls - When her aunt confined her to a stuffy attic, she was thrilled with the beautiful view. When her aunt sentenced her to a week on just bread and milk, she was delighted because those were two of her favorite foods. When an accident left her unable to walk, she was glad she still had legs. Name this amazingly cheerful literary character.

A: Pollyanna

99 Q: Frontiersmen - Buffalo Bill called what people "the former foe, present friend, the American"?

A: Indians (Native Americans)

100 Q: Subatomic Particles - What negatively charged elementary particle orbits the nucleus of an atom?

A: electron

101 Q: Dime Novels - The average dime novel of the 19th century contained about 40,000 words, and some hack writers could churn out a new title every three days. Prentiss Ingraham wrote 600 such novels, and completed one in a day and a half. If he wrote for 20 hours, how many words did he average per hour?

A: 2000

102 Q: Wartime Song Lyrics - These lyrics are about an incident that led to what war?

It sunk in an explosion  
That was most likely an accident  
But the papers claimed the Maine  
Was done in by an enemy called Spain.

A: Spanish-American War

103 Q: National Histories - Prior to 1991, Latvia, Estonia, Lithuania, Moldavia, and the Ukraine were among the constituent republics of what country?

A: Soviet Union (U.S.S.R.)

104 Q: Batteries - Unlike a wet cell battery, what kind of battery has the electrolyte immobilized as a paste with just enough moisture in it to allow a current flow?

A: dry cell

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- 105 Q: Body Systems - Which body system carries nutrients and gases to all parts of the body?  
A: circulatory system
- 106 Q: Manufacturing - In what kind of line might every worker perform one and only one task in the production of a manufactured item?  
A: assembly line
- 107 Q: Punctuation - What punctuation mark should follow these words and phrases when they begin a sentence?  
obviously  
indeed  
to be sure  
of course  
A: comma
- 108 Q: Matter - Name the relationship between the weight of an object and the amount of space it occupies.  
A: density
- 109 Q: Spelling and Gender - Spell the female equivalent of the noun, "hero."  
A: heroine
- 110 Q: Perimeters - What is the perimeter of a nonagon if each side is seven centimeters?  
A: 63 centimeters
- 111 Q: Lots of Water - Two thirds of all the world's river water is in what river basin?  
A: Amazon
- 112 Q: Misfortune and Optimism - According to the adage, what are you supposed to do "when life gives you lemons"?  
A: Make lemonade.
- 113 Q: Musical Notes - What is the third note of the diatonic sol-fa scale?  
A: mi
- 114 Q: Light Manipulation - What is the name for any device that causes light to either converge or diverge?  
A: lens
- 115 Q: Topography - The term "badlands" refers to a very irregular topography resulting from wind and water erosion of what major category of rock?  
A: sedimentary
- 116 Q: Spectacular Political Changes - In 1991, what country disintegrated and left in its place 15 republics?  
A: Soviet Union

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117 Q: Central Characters - According to Scott O'Dell, Karana spent eighteen years as the only living person on the island of blue dolphins off the coast of what state?

A: California

118 Q: Waltzes - What simple two-finger piano exercise was written in 1877 and originally entitled "The Celebrated Chop Waltz"?

A: Chopsticks

119 Q: Sports Songs - These are lyrics from a song about what sport?

Well, I spent some time in the Mudville Nine,  
Watchin' it from the bench,  
You know I took some lumps when  
the Mighty Case struck out  
So say hey Willie tell the Cobb  
And Joe DiMaggio,  
Don't say it ain't so

A: baseball

120 Q: Wars - What kind of war, fought within a single country, involves different groups of citizens who do not recognize another group's right to rule?

A: civil war

121 Q: Explorers - In 1510, Santa Maria la Antigua del Darien was founded in the region that became Panama by what Spanish explorer credited with discovering the Pacific Ocean?

A: Balboa

122 Q: Marine Life - These fish are related to sharks and their appearance resembles flattened sharks. Name these marine carnivores whose pectoral fins are especially large and shaped like wings.

A: rays

123 Q: Kipling - This is from what work by Rudyard Kipling?

A black shadow dropped down into the circle.  
It was Bagheera the Black Panther, inky black  
all over, but with the panther markings showing  
up in certain lights like the pattern of watered  
silk.

A: Jungle Book

124 Q: Percentage Problems - When the Lone Ranger gave away 25% of his silver bullets, he had 345 left. How many did he have originally?

A: 460

125 Q: Foliage - The green color of foliage results from the action of light on what substance in plant cells?

A: chlorophyll

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- 126 Q: Science - What term rhyming with "fog" refers to a wet, low area with considerable peat?  
A: bog
- 127 Q: Bridges - In what Judy Blume story about rivalry and adjustment does Peter Hatcher's family move to New Jersey and raise a new baby sister named Tootsie?  
A: Superfudge
- 128 Q: Fuels - Gasohol is usually a blend of gasoline and what other compound?  
A: alcohol (ethanol)
- 129 Q: Matter - The same quantity of matter in which phase will occupy the largest volume?  
A: gas
- 130 Q: Ping Pong Science - What does a ping pong ball do when it is hit horizontally with considerable topspin?  
A: curves downward (drops)
- 131 Q: Battles - These were all battles that occurred during what war?  
Shiloh  
Antietam  
Fredericksburg  
A: Civil War
- 132 Q: Gem Value - The value of a diamond is determined by the four C's, including its carats, clarity, color, and what else?  
A: cut (facets)
- 133 Q: Syllabication - How many syllables are in the first line of "The Battle Hymn of the Republic"?  
A: 14
- 134 Q: Purchasing Riddles - You go to the hardware store to buy some items for your house. You find that 1 would cost 25 cents, 12 would cost 50 cents, and 122 would cost 75 cents. You end up spending 75 cents. What did you buy?  
A: house numbers
- 135 Q: Animal Plights - Because right whales, with an estimated population of less than 250 mature adults, continue to vanish at the rate of 20% within two generations, they are classified as what kind of species?  
A: endangered
- 136 Q: Pen Names - Silence Dogood was a pen name used by what early American writer?  
A: Benjamin Franklin

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137 Q: Breaking the Rules - What term applies to these lawbreakers?

- a boy who survived a 5-hour flight in the wheel well of a Hawaii-bound jet
- a man who hid on the Graf Zeppelin on the return leg of its maiden trip from New Jersey to Germany
- the guy who hid in a cargo container and lived through a 14-hour flight from Havana to Paris

A: stowaway

138 Q: Land Deals - The Russian government actually had to spend a large sum of money to gain the support of members of the U.S. Congress and important American newspapers for the \$7 million purchase of what territory in 1867?

A: Alaska

139 Q: Adverbs - What one adverb precedes all of these phrases?

- the devil and the deep blue sea
- you, me, and the gatepost
- a rock and a hard place

A: between

140 Q: Donations - If you are contributing money for a special event, purpose, or cause, you are said to be feeding what kind of young, domestic pet?

A: kitty

141 Q: Factoring - What is the prime factorization of 891?

A:  $11 \times 3 \times 3 \times 3 \times 3$

142 Q: Force - What force powers a siphon?

A: gravity (gravitational force)

143 Q: Baseball Epitaphs - What word completes this epitaph?

Here lies the bones of Private Jones  
For whom War held no terrors.  
A private then, a private now  
No runs, No hits, just ...

A: errors

144 Q: Plants - The flowers of heliotropic plants follow the direction of what?

A: the Sun

145 Q: Rotation - How many degrees does the Earth rotate in one full week?

A: 2520

146 Q: Chemical Symbols - What word is made by combining the chemical symbols for nitrogen and calcium?

A: can

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- 147 Q: Islands - The Falkland Islands lie closest to what mainland country?  
A: Argentina
- 148 Q: Military Groups - What U.S. Army unit was primarily responsible for the orderly expansion of the American West?  
A: Cavalry
- 149 Q: Injuries - What occurs when ice crystals form in the fluid of the skin constricting blood vessels and cutting off the blood supply?  
A: frostbite
- 150 Q: Mixtures - If the correct mix for powdered lemonade is  $\frac{1}{4}$  cup for 2 quarts of water, how much mix should be used with  $1 \frac{1}{2}$  gallons of water?  
A:  $\frac{3}{4}$  cup
- 151 Q: Adverbs - What is the conjunctive adverb in this sentence?  
Conversely, I suddenly came to realize that being good at something is hardly a reason to avoid enthusiastically doing it.  
A: conversely
- 152 Q: Dance - What name for an animated Spanish dance rhymes with "mango"?  
A: fandango
- 153 Q: Physical Properties - Name the ability of a substance to dissolve in a solvent to form a solution.  
A: solubility
- 154 Q: Factors - What is the greatest common factor of 8 and 12?  
A: 4
- 155 Q: Atomic Number - In 1787, the French scientist Jacques Charles launched the first ascension balloon inflated with what gas having an atomic number of one?  
A: hydrogen
- 156 Q: Song Grammar - What is the first participle in the lyrics of "Santa Claus is Coming to Town"?  
A: telling
- 157 Q: Christmas Tales - In Dickens' "A Christmas Carol," who is the first ghost to speak with Scrooge?  
A: Marley
- 158 Q: Slang Expressions - A person in a troublesome, unfortunate, or losing position is behind what ball used in pool?  
A: eight ball

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159 Q: Archipelago Etymology - The term, Polynesia, comes from the Greek words “nosos” meaning “island” and “poly” meaning what?

A: many

160 Q: European Nations - In the 14th century, the cantons of Uri, Schwyz, and Unterwalden were joined by the cantons of Glarus and Zug and the city-states of Lucerne, Zurich, and Bern to form a confederacy that eventually became what modern country?

A: Switzerland

161 Q: Fracture Treatment - Casts for fractured bones are usually made of either fiberglass or what other material?

A: plaster

162 Q: Wordiness - What word could be eliminated from this sentence without a loss of meaning?  
She is currently homeless and destitute.

A: currently

163 Q: Speeches - What word completes this line from the Emancipation Proclamation?

All persons held as slaves within any state or  
any part of any state the people whereof shall  
then be in rebellion against the United States  
shall be forever ...

A: free

164 Q: The Constitution - This excerpt from the U.S. Constitution is about a person holding what office?

He may convene and adjourn Congress.  
He shall receive ambassadors, execute  
laws, and commission officers.

A: president

165 Q: Typefaces - What is the name for a thick, heavy typeface used for emphasis?

A: boldface (bold)

166 Q: Punctuation - What punctuation mark should separate “responsibilities” and “take” in this example?

These are your responsibilities take out the  
trash and mow the lawn.

A: colon

167 Q: Poetry - This is about what kind of fleshy fungi?

Overnight, very  
Whitely, discreetly,  
Very quietly  
Our toes, our noses  
Take hold on the loam,  
Acquire the air.

A: mushrooms



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168 Q: Pressure - A 320-pound cube with edges of 4 feet exerts how much pressure per square foot?

A: 20

169 Q: Traditions - In what U.S. state is the largest Groundhog Day celebration held every year?

A: Pennsylvania

170 Q: Provincial Languages - About 94% of the residents of what Canadian province speak French?

A: Quebec

171 Q: Alkaloids - What alkaloid stimulant is an important component of drinks such as Red Bull, Jolt Cola, Full Throttle, Reload, 5-Hour Energy, and Rockstar?

A: caffeine

172 Q: Wars - These were major figures in what war?

Charles de Gaulle  
Joseph Stalin  
Winston Churchill

A: World War II

173 Q: Censuses - The first U.S. census was conducted in 1790. During what year was the fourth one conducted?

A: 1820

174 Q: Patriots at Home - Paul Revere lived in what city?

A: Boston

175 Q: Color - You cut out a disk, divide it into the seven equal-sized triangular sections, and paint each of the sections with one of the seven colors of the spectrum. Then you push a pencil through the center and spin the disk on this axle. What color does the disc appear to be?

A: white (gray)

176 Q: Matter - In relation to matter, these are all what kind of properties?

brittleness, permeability, albedo, frequency,  
viscosity, electrical conductivity

A: physical properties

177 Q: Divisors - What is the greatest common divisor of these three numbers?

144 108 72

A: 36

178 Q: Sentence Transformation - Transform this declarative sentence into an interrogative sentence.

I was born.

A: Was I born?

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

179 Q: Climates - Iceland experiences milder temperatures than Greenland because its climate is influenced by what Atlantic ocean current?

A: Gulf Stream

180 Q: Hardships - Washington and the Continental Army endured the terrible winter of 1777 where in eastern Pennsylvania?

A: Valley Forge

181 Q: Extinct Birds - What bird that once inhabited an island in the Indian Ocean completes this popular phrase about extinction?

Dead as a ...

A: dodo

182 Q: Vistas - From the Grand Canyon Skywalk on Arizona's Hualapai Indian Reservation, tourists can see what river?

A: Colorado River

183 Q: Integers - 126 is the sum of what three consecutive integers?

A: 41, 42, 43

184 Q: The Hydrologic Cycle - What is the only stage of the hydrologic cycle in which water is returned to the Earth's surface?

A: precipitation

185 Q: Proportionals - What is the fourth proportional given these first three terms?  
2, 5, 6

A: 15

186 Q: Fictional Characters - What character created by Jerry Spinelli can untie any knot, is allergic to pizza, hits lots of home runs, runs everywhere he goes, and is blind to racial distinctions?

A: Maniac Magee

187 Q: Colonial History - In 1774, the Massachusetts Provincial Congress directed patriots to leave the colony's militia and form new units. One fourth were to be enrolled in units ready to act on 60 seconds notice. Name them.

A: minutemen

188 Q: Spheres - What is the maximum number of points in which a straight line can intersect a sphere?

A: 2

189 Q: Venom Injection - What common, flattened, wormlike arthropods with bodies composed of many segments use modified legs called forcipules to inject venom?

A: centipedes

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 190 Q: Modifiers - What modifier could be misplaced in this line?  
The bomb of the Iranian terrorists only maimed  
one French tourist.
- A: only
- 191 Q: Slavery - What was the southernmost slave state in the U.S.?
- A: Florida
- 192 Q: Critter Characters - What kind of animals are these literary characters?  
Tock, Fang, Blue, Jip, Buck, Toto
- A: dogs
- 193 Q: Debt Repayment - What was the principal of a loan in which the simple interest of 8 percent  
for one year amounted to \$16?
- A: \$200
- 194 Q: Up and Down - You are climbing up a small volcanic cinder cone 11 feet high. For every 3-  
foot step you take upward, you slide back 2. How many steps will it take you to reach the top?
- A: 9
- 195 Q: Buoyancy - An inflated balloon weighing 4 ounces is floating on water. What is the buoyant  
force of the water against this balloon?
- A: 4 ounces
- 196 Q: Suffrage - American women won the right to vote shortly after the end of what war?
- A: World War I (Great War)
- 197 Q: Mystery Settings - What war provides the background for all these mystery novels?  
A Grave at Glorieta  
A Killing at Ball's Bluff  
Faded Coat of Blue  
The Shiloh Sisters  
Murder at Manassas  
Antietam Assassins
- A: Civil War
- 198 Q: Geometric Solids - For what does the first abbreviation stand in this formula with respect to a  
rectangular solid?  
 $SA=2lh + 2hw + 2lw$
- A: surface area
- 199 Q: Novels - Name the novel by Carl Hiaasen in which young Roy Eberhardt moves into Coconut  
Grove, Florida and joins with others to block construction of a restaurant that would destroy a  
colony of burrowing owls.
- A: Hoot
- 200 Q: Skiing - Which joint is involved in about 45% of all skiing injuries?
- A: knee

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

201 Q: Number Conversion - Convert  $\frac{7}{4}$  to a percent form.

A: 175%

202 Q: Mountains - Parts of what mountain range are in Slovenia, Liechtenstein, Monaco, Italy, Austria, Germany, France, and Switzerland?

A: Alps

203 Q: Pronoun Use - Correct this sentence.  
Dean tossed a javelina to Mel and myself.

A: to Mel and me

204 Q: Yo-yo Physics - When a yo-yo is spinning at the end of its string, you must give it a little jerk for it to rewind. What are you increasing between the yo-yo and the string with the jerk?

A: friction

205 Q: Insects - Locusts are actually immense swarms of certain varieties of what insects?

A: grasshoppers

206 Q: Fields of Study - A paleoclimatologist studies what kind of climates?

A: ancient climates

207 Q: Sentence Parts - What part of speech is between the two prepositional phrases in this example?

She will be stationed in Manila or at Fort Ord.

A: conjunction (coordinating conjunction)

208 Q: Slang - "Veep" is short for what position?

A: vice president

209 Q: Fantasy Quotations - Complete this line uttered by the White Rabbit in "Alice in Wonderland."  
The hurrier I go, the ...

A: behinder I get

210 Q: Fantasies - What character in Tolkien's "The Lord of the Rings" wears a white cloak, rides a white steed, and survives death with his powers enormously enhanced?

A: Gandalf

211 Q: Frontiersmen - John Colter is said to have been the first person of European descent to have seen what mountain range in western Wyoming?

A: Grand Tetons (or Abrasoka or Wind River range)

212 Q: Wildlife - The jackals of Africa most closely resemble what creatures of North America?

A: coyotes

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 213 Q: Child Rearing - Complete this line by Gloria Steinem.  
Most American children suffer too much  
mother and too little ...
- A: father
- 214 Q: Resources - More than 90 percent of all the coal mined in the U.S. is used to produce what  
form of energy?
- A: electricity
- 215 Q: The Declaration - According to the Declaration of Independence, what are instituted among  
men to secure the unalienable rights to life, liberty and the pursuit of happiness?
- A: governments
- 216 Q: Chemistry History - What was the nationality of the chemist who invented a process by which  
microorganisms in milk are killed by high heat?
- A: French
- 217 Q: Homonyms - Spell the word meaning "to survive" that is missing in this poem?  
Whether the weather be fine, / Whether the  
weather be not, / Whether the weather be cold,  
Whether the weather be hot, / We'll ---- the  
weather, / Whatever the weather, / Whether  
we like it or not.
- A: weather
- 218 Q: Grammatical Errors - What phrase is misplaced in this line?  
The cause of death was determined to be  
strangulation by the medical examiner.
- A: by the medical examiner
- 219 Q: Land Forms - These are examples of what kind of landforms?  
Shikoku  
Madagascar  
Sardinia  
Aleut  
Bikini  
Malta
- A: all are islands
- 220 Q: Basketball - Name the extra period played after the regular period in a basketball game if the  
score is tied at the end of regulation time.
- A: overtime
- 221 Q: Injuries - What kind of injury occurs when the ball of a joint loses proper contact with its  
socket?
- A: dislocation

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

222 Q: Root Words - What does the root mean in chronology, chronic, chronicle, chronometer, and anachronism?

A: time

223 Q: Statistics - What is the statistical range of the lengths of these rattlesnakes trapped in your garage?

21 inches, 27 inches, 27 inches, 34 inches,  
35 inches, 44 inches, 46 inches, 56 inches

A: 35 inches

224 Q: Watersheds - What mountain range separates the Columbia and Mississippi watersheds?

A: Rocky Mountains (Rockies)

225 Q: New England Travel - If you flew from the capital of Vermont to the capital of Maine, you would fly over the state whose capital is what?

A: Concord

226 Q: Science Abbreviations - For what does the abbreviation stand in this passage?

Its speed through glass or air is less than c.

A: light speed (in a vacuum)

227 Q: Consciousness - What is the everyday term for syncope, a brief loss of consciousness of fast onset, short duration, and spontaneous recovery?

A: fainting (blackout)

228 Q: Zoological Diets - Animals are herbivores, carnivores, or what?

A: omnivores

229 Q: Percentage Problems - If the price of a pair of shoes was reduced by 20% during a sale to \$60, what was the price before the sale?

A: \$75

230 Q: Disunification - In 1991, fifteen republics that were formerly part of what nation became independent nations?

A: Soviet Union

231 Q: Bad Behavior - Most children and some unruly adults have outbursts of kicking, yelling, and foot stamping. Name these angry responses to frustration.

A: tantrums

232 Q: Fungi - Name the single-celled fungi that change sugars into alcohol and carbon dioxide.

A: yeast

233 Q: Currencies - The continental was the currency used during what period in American history?

A: American Revolution (1770s, 1780s)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

234 Q: Merging Waters - The confluence of the Rio Negro and Amazon rivers is in what country?

A: Brazil

235 Q: Botanical Shapes - What is the general shape of ovoid leaves and berries?

A: egg-shaped (oval)

236 Q: Symmetry - What type of triangle has exactly one line of symmetry?

A: isosceles triangle

237 Q: Tennesseans - What senator from Tennessee who was appointed by Abraham Lincoln as the military governor of Tennessee in 1862 was elected as the U.S. vice president in 1864?

A: Andrew Johnson

238 Q: Aviation - The German word for "yes" sounds just like what term in aviation for rotation around the vertical axis of an aircraft?

A: yaw

239 Q: Caravans - The greatest use of camel trains is associated with what desert?

A: Sahara

240 Q: Life Classifications - What is the taxonomic classification for cold-blooded vertebrates that spend some time on land but breed and develop into adults in water?

A: amphibian (Amphibia)

241 Q: Islands - Name the largest of the Hawaiian Islands.

A: Hawaii

242 Q: Presidents - Identify this U.S. president.

The American people's approval of their president's belligerent course was demonstrated by his election to an unprecedented third term.

A: Franklin Roosevelt

243 Q: Universal Syllogisms - What is the conclusion to this syllogism?

All X are Y.  
No Z is Y.  
Therefore ...

A: no Z is X

244 Q: Physical Science - When two sticks are rubbed together, the kinetic energy put into the rubbing is converted into what?

A: heat

245 Q: Mass Production - In 1914, whose assembly line cut production time for building a car from 12.5 hours to 93 minutes?

A: Henry Ford's

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

246 Q: Book History - One important step in the history of bookmaking occurred during the first century when the stitched book gradually replaced documents on rolls of parchment or papyrus called what?

A: scrolls

247 Q: Park Places - In what mountain system is the Swiss National Park located?

A: Alps

248 Q: Aerodynamics - The transition at transonic speeds from subsonic to supersonic travel is called the sound what?

A: barrier

249 Q: Manifest Destiny - In the 1840s, what two European countries stood in the way of America's "manifest destiny" to extend the United States to the Pacific Ocean?

A: Spain, Great Britain

250 Q: Strange Sounding Names - These cities are in what country?

Oaxaca  
Taxco  
Tehuantepec  
Tuxtla  
Chilpancingo

A: Mexico

251 Q: Non-ingestion - On his vision quest, Mahatma Johnson abstained from eating anything for several days. What is the name for such a period of abstinence?

A: fast

252 Q: Water - What adjective describes water condensed from steam?

A: distilled

253 Q: Anthropological Milestones - What revolution that began in Britain in the late 18th century commenced with the mechanization of the textile industries, the development of iron-making techniques, and the increased use of coal?

A: Industrial Revolution

254 Q: Big Projects - Clinton's Ditch connected Lake Erie to what river?

A: Hudson River

255 Q: Island Acquisitions - The Aleutian Islands became U.S. territory as the result of a real estate deal with what country?

A: Russia

256 Q: Heteronyms - Spell the heteronym that can mean either "to scatter seeds" or "a female pig."

A: sow



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

257 Q: Adjectives - To make the superlative form of one-syllable regular adjectives ending in the letter "e", you should add what?

A: st

258 Q: Silent Letters - Name any word that includes a silent "b" preceding a "t."

A: doubt, debt, doubtful, subtle, etc.

259 Q: Body Tissues - Name the most common body tissue that is a liquid.

A: blood (or plasma)

260 Q: Primes - What is the sum of the prime numbers between 3 and 17?

A: 36

261 Q: Symbols - What plant is a symbol of St. Patrick's Day?

A: shamrock

262 Q: Circles - 30 degrees is what fraction of one revolution?

A: 1/12

263 Q: Binary Math - What is the binary equivalent of the decimal number 25?

A: 11001

264 Q: Punctuation - What punctuation mark completes this line?

Mabel flogged our flagging spirits after asking  
whether we would leave

A: period

265 Q: Succinct Writing - What word could be omitted without changing the meaning of the sentence whatsoever?

Until 1941, only a few national leaders  
anticipated that the Japanese would actually  
attack the United States.

A: that

266 Q: Disasters - In addition to excessive plowing and the destruction of native grasslands, what meteorological condition led to creation of the American Dust Bowl in the 1930s?

A: drought

267 Q: Buildings in Progress - When President Adams and his wife went to Washington, Mrs. Adams said of what building that there was not a single apartment finished, there was not the least fence or yard without, and that she made the great unfinished audience room into a drying room for her laundry?

A: White House

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 268 Q: People and Professions - These people were particularly skilled in what field?  
Pappy Boyington  
Wrong Way Corrigan  
Lone Eagle  
The Red Baron
- A: aviation (flying, piloting)
- 269 Q: Number Reasoning - Which number does not fit in this group?  
4, 9, 25, 35, 36, 64, 81
- A: 35
- 270 Q: Songs - What song in a Disney movie could have had this title?  
As Soon as You Have a Fanciful Desire  
on a Self-Luminous Heavenly Body
- A: When You Wish Upon a Star
- 271 Q: Longitude - You have just crossed a line of longitude in an easterly direction and find that instead of being May 8, it is now May 7. What line did you cross?
- A: International Date Line
- 272 Q: Mystery Numbers - If the difference between two numbers is 6 and the sum of the two numbers is 18, what are the numbers?
- A: 6, 12
- 273 Q: Political Factions - To what political party did George Washington belong?
- A: no party
- 274 Q: Sets - What is the intersection of these sets?  
(squares of whole numbers from 2 to 9) and  
(all odd numbers)
- A: (9, 25, 49, 81)
- 275 Q: The Constitution - The preamble is the first part of the U.S. Constitution. The next part consists of seven what?
- A: articles
- 276 Q: Proportions - 9 is to 36 as -5 is to what?
- A: -20
- 277 Q: Novels - In what story by Toni Morrison does Pecola Breedlove go to Soaphead Church, a sham mystic, to ask for blue eyes that will make her beautiful?
- A: The Bluest Eyes
- 278 Q: Latitude - Name the line of latitude that lies  $66\frac{1}{2}$  degrees south of the equator.
- A: Antarctic Circle

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 279 Q: Ratio Reduction - Reduce this ratio to its lowest form.  
20 to 4
- A: 5 to 1
- 280 Q: European Regions - Sicily is an autonomous region of what country?
- A: Italy
- 281 Q: Boundaries - The northern border of Maine was established in 1842 in a treaty between the U.S. and what country?
- A: Great Britain
- 282 Q: Inequalities - If  $10x + 10$  is greater than 40, then  $x$  is greater than what?
- A: 3
- 283 Q: Court Decisions - The Dred Scott decision of 1857 encouraged slaveowners and enraged what group of people who opposed slavery?
- A: abolitionists
- 284 Q: Library Science - Fiction books in the library are arranged alphabetically according to what?
- A: author's last name
- 285 Q: Novels - This passage comes from what novel?  
When the shoes first fell from the sky, he remembered thinking that destiny had struck him. Now, he thought so again. It was more than a coincidence. It had to be destiny.
- A: Holes
- 286 Q: Successions of Rulers - In what country did the Yuan, Ming, Chou, Qing, and Han dynasties hold power for considerable periods?
- A: China
- 287 Q: Angles - What is  $\frac{3}{5}$  of a right angle?
- A: 54 degrees
- 288 Q: Caribbean History - What country controlled Cuba until 1898?
- A: Spain
- 289 Q: Consecutive Integers - What is the largest of three consecutive odd integers if their sum is 51?
- A: 19
- 290 Q: Consecutive Integers - The sum of 7 consecutive integers is 112. What is the smallest integer in this group?
- A: 13

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 291 Q: Nutritional Puns - What word is used as a pun in this line?  
The chief ingredient of fad diets is baloney.
- A: baloney
- 292 Q: Births - The number of live births per 1000 in the population during a given year is called the birth what?
- A: rate
- 293 Q: Government Facilities - What U.S. federal facility in Virginia has a name equivalent to a five-sided polygon?
- A: Pentagon
- 294 Q: Poems - Who wrote this verse in 1814?  
'Tis the star-spangled banner,  
O long may it wave  
O'er the land of the free,  
and the home of the brave!
- A: Francis Scott Key
- 295 Q: World Nations - What country is bordered to the east by the Yellow Sea, to the south by Vietnam, Laos, Burma, India, and Nepal, and to the north by Russia and Mongolia?
- A: China
- 296 Q: Disorders - What body system is directly affected by endocarditis, myocarditis, cardiomyopathy, aortic aneurysm, and coronary atherosclerosis?
- A: circulatory system
- 297 Q: Word Stems - What word that means "side" may be preceded by prefixes such as "multi," "uni," "bi," and "equi"?
- A: lateral
- 298 Q: Supreme Court - Ordinarily, whenever there is a unanimous decision by the full Supreme Court, how many votes share the same opinion?
- A: 9
- 299 Q: Offenses - Name the offense that involves transporting merchandise, substances, or people across international borders in violation of the relevant laws and regulations.
- A: smuggling
- 300 Q: Context Clues - What is a context clue for the word "dermatologist" in this sentence?  
After enduring discomfort for weeks, Barney found a dermatologist who was able to cure his rash in just a matter of days.
- A: rash (or cure)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 301 Q: References - These topics would be found under what major topic in an encyclopedia?  
Dunkirk  
D-day  
Battle of Midway  
Auschwitz  
Bernard Montgomery  
Blitzkrieg  
Pearl Harbor
- A: World War II
- 302 Q: State Geography - What U.S. state is the northern terminus of Mississippi River traffic?
- A: Minnesota
- 303 Q: Breathing - In the respiratory process, what is the opposite of expiration?
- A: inspiration (inhaling)
- 304 Q: Song Sources - These songs were inspired by the myths of what country?  
Wings of Feathers and Wax  
Sirens  
Chimera  
Sword of Damocles
- A: Greece
- 305 Q: Fortune Seekers - The nickname for participants in the California Gold Rush refers to what year?
- A: 1849
- 306 Q: Reefs - What kind of biotic reefs develop mainly in tropical waters?
- A: coral reefs
- 307 Q: Elections - What is the term for a candidate selected to represent a political party in an election?
- A: nominee
- 308 Q: Medical Treatment - Freddie stepped on a nail. When he got back, he told his buddies he had to get a technical shot. What kind of shot did he actually get?
- A: tetanus shot
- 309 Q: Capitals - What city became the capital of Russia after the Russian Revolution?
- A: Moscow
- 310 Q: Celestial Bodies - What bodies that orbit our Sun like asteroids are composed mainly of frozen ammonia, methane, water, and only small amounts of rocky or earthy materials?
- A: comets
- 311 Q: Kipling - Among Kipling's "Just So Stories" are "How the Camel Got His Hump" and "How the Rhinoceros Got His" what?
- A: skin

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

312 Q: Vision Problems - A usually temporary loss of vision sometimes caused by sunburning of the cornea is known to mountain climbers and skiers as what kind of blindness?

A: snow blindness

313 Q: Business Records - What itemized list in a gardening store includes all the shovels, rakes, tomato cages, bags of peat moss, hoses, sprinklers, and packets of seeds that are on hand?

A: inventory

314 Q: Wordplay - What letter is missing in this 5-letter word?  
e\_ges

A: d

315 Q: Literary Etymology - What form of literature got its name from a combination of three Greek words meaning "self," "life," and "write"?

A: autobiography

316 Q: Disasters - The largest debris avalanche in recorded history occurred in 1980 when a magnitude 5.1 earthquake triggered an enormous pyroclastic flow and the massive collapse of the north face of what mountain in the Cascades?

A: Mt. St. Helens

317 Q: Bug Computation - How many roaches are in a refrigerator containing 300 bugs if there are only roaches and centipedes in it, and the ratio of roaches to centipedes is 5 to 1?

A: 250

318 Q: Presidential Advice - What president advised this, but in other words?  
Discourse in a subdued voice but tote  
a massive staff.

A: Theodore Roosevelt

319 Q: Beaches - Black beaches are formed from grains of what kind of rock?

A: volcanic (lava, igneous)

320 Q: Eye Anatomy - What membrane in the eye contains cells that detect light?

A: retina

321 Q: Linguistic Geography - What is the primary language of people living in these cities?  
Cordoba, Granada, Barcelona, Seville, Valencia

A: Spanish

322 Q: Oceans - Thanks to plate tectonics, which of the world's great oceans is slowly becoming smaller?

A: Pacific Ocean

323 Q: Proportions - 8 is to what number as 50 is to 40?

A: 6.4 (or 32/5)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 324 Q: It's a Panic! - Elephants, wildebeests, cattle, wild horses, and humans are among the mammals that engage in what activity involving large numbers of their species running, panic-stricken, with no clear purpose?
- A: stampedes
- 325 Q: Medications - Lisinopril is a drug used to reduce high blood pressure. But some people taking it also report diarrhea, dizziness, hives, headache, nausea, fever, and chills. What is the collective name for these undesirable consequences of taking this drug?
- A: side effects
- 326 Q: Explorers - On his famous expedition, what 13th-century Italian visited such places at Jerusalem, the Hindu Kush, the Gobi Desert, and the Grand Canal of China?
- A: Marco Polo
- 327 Q: Large Numbers - The number, "one trillion," consists of 1 and how many zeroes?
- A: 12
- 328 Q: Treaties - In the Treaty of Guadalupe Hidalgo, Mexico surrendered its claim to Texas north of what river?
- A: Rio Grande
- 329 Q: Legends - At least one historian claims that a legendary contest involving what central character could not have occurred at the Big Bend Tunnel because railroad records do not show a steam drill being used there?
- A: John Henry
- 330 Q: Energy Conversions - The kinetic energy of falling water is ultimately converted into what other kind of energy as the water turns the turbine blades of generators?
- A: electric
- 331 Q: Observations - He said, "No matter when you had been to this spot before, a thousand years ago or a hundred thousand years ago, or if you came back to it a million years from now, the scene would be generally the same." What was Neil Armstrong talking about?
- A: the Moon
- 332 Q: Inventions - The credit for the world's first biplane goes to whom?
- A: Wright brothers
- 333 Q: Superpowers - What two countries emerged as the world's superpowers at the end of World War II?
- A: United States, Soviet Union
- 334 Q: Sports Personalities - These people are greats in what sport?  
Maureen Connolly, Margaret Court, Chris Evert,  
Althea Gibson, Steffi Graf, Martina Navratilova
- A: tennis

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 335 Q: Wordplay - What form of wordplay is illustrated in this line?  
A Santa spit taboo bat tips at NASA.
- A: palindrome
- 336 Q: Petrology - Igneous rock forms from molten rock called what?
- A: magma
- 337 Q: Mammal Habitats - Primary habitat for what palmated members of the deer family includes Russia, Scandinavia, Canada, Alaska, the northern Rockies, Minnesota, and upper New England?
- A: moose
- 338 Q: Post-Employment - What adjective describes a person who has withdrawn from business or public life and lives on savings or a pension?
- A: retired
- 339 Q: Empires - Although Portugal, Spain, and the Netherlands established colonies in the New World and beyond, what country ended up establishing a world wide empire much larger than the others combined?
- A: Great Britain
- 340 Q: Island Groups - What continent is closest to the Solomon Islands, Fiji, and New Caledonia?
- A: Australia
- 341 Q: Syllabication - "The word "traditionalism" has how many fewer syllables than the word "interchangeability"?"
- A: 2
- 342 Q: Folksongs - According to the lyrics of an American folksong, in what land are old times there not forgotten?
- A: Dixieland (or the land of cotton)
- 343 Q: Forts - At the outset of the Civil War, the Confederacy knew it had to take what fort that guarded Charleston harbor?
- A: Fort Sumter
- 344 Q: Grasslands - What is a broad plain characterized by a rich variety of grasses called?
- A: prairie
- 345 Q: Famous Photos - In a memorable photo, who is standing stoic and solemn in a blood-stained suit next to Lyndon Johnson as he took his presidential oath of office?
- A: Jacqueline Kennedy
- 346 Q: Factoring - What is the prime factorization of 1728?
- A:  $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 3$



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

347 Q: Fictional Lands - You must read works by what British author to visit places like Mordor and Gondor?

A: J.R.R. Tolkien

348 Q: Restaurant Calculations - Each drink at Sylvia's Soda Shoppe costs fifty cents. Gordie ordered one awesome apple, five luscious lime, and four gala grape drinks. If he paid with a \$10 bill, including a 15% tip, how much change did he get?

A: \$4.25

349 Q: Landforms - A U.S. national park was named after what term for a large expanse of marshy land covered mostly by grasses?

A: everglade

350 Q: Puns - What word completes this quip?  
I did a theatrical performance about puns,  
but really, it was just a play on ...

A: words

351 Q: Salaries - Which level of government is usually responsible for paying the salaries of sheriffs and deputy sheriffs?

A: county

352 Q: Vitamins - What vitamin present in caribou liver, seal brain, raw kelp, whale skin, and muktuk prevented the development of scurvy among Eskimos?

A: vitamin C

353 Q: Tote that Iron - What is the title fo the person who carries a golfer's clubs?

A: caddie

354 Q: Agricultural Inventions - Whose invention in the 1830s reduced the time required to harvest an acre of wheat from twenty hours to less than one?

A: Cyrus McCormick's

355 Q: Pericles - Complete this passage by Pericles.  
Our polity is a pattern for others. Because  
not the few but the many govern, it is called ...

A: democracy

356 Q: Tolkien - What character in a series of novels by J.R.R. Tolkien says these things?  
-My birthday present! That's what we wants  
now, yes; we wants it.  
-It won't see us, will it, my precious.  
-What has it got in its pocketsets?

A: Gollum

357 Q: Queens - What name is shared by two British queens?

A: Elizabeth (or Mary)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

358 Q: Goals - What international organization has goals of keeping worldwide peace, developing friendly relations among countries, promoting respect for human rights, and helping countries cooperate in solving economic, social, and cultural problems?

A: United Nations

359 Q: Birds - These are varieties of what kind of birds?  
turtle, white-winged, mourning

A: doves

360 Q: Treaties - Military activity on what continent is prohibited by international treaty?

A: Antarctica

361 Q: Sports Perspectives - This is a definition of what sport?

A sport wherein one balances a ball an inch-and-a-quarter in diameter on a ball 8,000 miles in diameter, and then tries to hit the small one.

A: golf

362 Q: Tax Problems - What is the sales tax on an item costing  $f$  dollars if the city in which the item was purchased has a sales tax of 7%?

A:  $$.7f$

363 Q: Economics - How do economists generally classify people who eat ice cream cones, hire someone to mow their lawn, buy shirts, go to movies, purchase gasoline, and pay rent?

A: consumers

364 Q: Mountain Ranges - Name two of the major mountain systems in North America, South America, and Europe that begin with the first letter of the alphabet.

A: Appalachians, Andes, Alps

365 Q: Electrical Circuits - None of the connected devices will work if there is a break anywhere in what kind of electrical circuit?

A: series circuit

366 Q: Colonial Business Ventures - Colonial joint-stock companies were forerunners of what kind of modern business enterprises?

A: corporations

367 Q: Referee Signals - What is a basketball referee signaling when he extends both arms upward with his thumbs pointing up?

A: jump ball

368 Q: Post World War II - While four nations were responsible for occupying Germany after World War II, what one country occupied Japan?

A: United States

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

369 Q: Alliances - In which article of the Constitution are there provisions set out under which Maine could enter into an alliance with New Brunswick?

A: No article permits this.

370 Q: Riddles - In a riddle in "Alice's Adventures in Wonderland", Lewis Carroll asks why what kind of bird is like a writing desk?

A: raven

371 Q: Mideast Intersections - There is one place in the Middle East where Kuwait, Saudi Arabia, and what other country come together?

A: Iraq

372 Q: Law Enforcement - What is the term for anyone who has suffered physical or mental harm or the loss of property as the result of a criminal offense?

A: victim

373 Q: Political Slang - The spreading malicious, derogatory, or vicious statements about an opponent during a campaign is the slinging of what?

A: mud

374 Q: Consecutive Integers - Find the smallest of five consecutive whole numbers whose sum is 130.

A: 24

375 Q: Reciprocals - What is the reciprocal of  $x$ ?

A:  $1/x$

376 Q: Plate Tectonics - It slashes through the land for more than 1100 kilometers, entering the sea at Daly City, California. Name this fault.

A: San Andreas Fault

377 Q: States of Matter - Few substances are ever naturally found in more than two states. What compound is regularly found in three?

A: water (dihydrogen oxide)

378 Q: Imaginary Beings - What beings created by J.R.R. Tolkien average 3.5 feet tall, dress in bright colors, are adept with slings, live to well over 100 years, have slightly pointed ears, and have feet covered with brown fur?

A: hobbits

379 Q: Wartime Quotes - During what war were these enduring words first uttered?  
I have not yet begun to fight.

A: American Revolutionary War

380 Q: Adverbs - Name the adverb in this sentence.  
This book is not the one I ordered.

A: not

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 381 Q: Borrowed Words - These English words were borrowed from what language?  
marinade, maroon, mayonnaise, macabre, menu
- A: French
- 382 Q: Clock Angles - What angle is between the hour and minute hand when it is exactly 9 p.m.?
- A: 90 (or 270)
- 383 Q: Commerce - Barry went to the Parris Hiltaski Primitive Weapons Boutique and bought a new atlatl priced at \$46. At checkout, he had to pay \$48.46 to complete the sale. What was the extra \$2.46 for?
- A: sales tax
- 384 Q: Wordplay - This example of punning is about what animal?  
Valorous - a big animal vit tusks vot lives  
in vater.
- A: walrus
- 385 Q: Senate Procedures - If there were 44 nay votes in the U.S. Senate on some issue and the vice president had to cast a vote, how many yea votes were there?
- A: 44
- 386 Q: Aviation - Wings provide lift only while they move quickly through the air. What happens when a wing moves too slowly?
- A: It stalls (loses lift, falls).
- 387 Q: Conjunctions - What kind of phrase immediately follows the coordinating conjunction in the Pledge of Allegiance?
- A: prepositional phrase
- 388 Q: Word Problems - What is the number if the result of combining five times the number and the number is 24?
- A: 4
- 389 Q: Consecutive Integers - 66 is the sum of what four consecutive integers?
- A: 15, 16, 17, 18
- 390 Q: Electrical Currents - The two types of electrical circuits are parallel and what other?
- A: series
- 391 Q: Skeletons - Crayfish have what kind of skeletons?
- A: exoskeletons
- 392 Q: Legal Defenses - Rosanna Danna was accused of robbing a New York City bank last Halloween. What legal defense did she use when she claimed she had spent all of last fall in the Ukraine studying mutations caused by the Chernobyl meltdown?
- A: alibi

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

393 Q: Trees - In relation to their foliage, what adjective applies to all of these trees?  
maple, ash, poplar, walnut, aspen, oak, birch

A: deciduous

394 Q: Compound Words - What word can be added to the ending of these words to make compound words?

star  
air  
flag  
hard  
battle  
citizen

A: ship

395 Q: Lewis Carroll - In "The Hunting of the Snark," the banker loses his sanity after being attacked by a frumious what?

A: Bandersnatch

396 Q: Dance - Tango is to Argentina as flamenco is to what country?

A: Spain

397 Q: Music - What comes last after a prelude and an interlude?

A: postlude

398 Q: Novels - Instead of a strong orphan boy to help with work on the farm, the Cuthberts of Avonlea got a chatty, impulsive, imaginative, sensitive, redheaded girl named what?

A: Anne (Anne Shirley)

399 Q: Poor Richard - According to Franklin, three people may keep what if two of them are no longer living?

A: a secret

400 Q: Local Government - The main job of the assessor in municipal or county government is to determine the value of what?

A: property (real estate)

401 Q: Scientific Processes - What is the term for the process by which water is passed through coffee grounds to pick up the soluble constituents that give brewed coffee its taste, color, and aroma?

A: percolation

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

402 Q: Headlines - In what year did this headline appear?  
Oahu Bombed by Japanese Planes

A: 1941

403 Q: Constitutional Provisions - Who, according to the Constitution, "shall from time to time give to the Congress information on the state of the Union, and recommend to their consideration such measures as he shall judge necessary and expedient"?

A: president

404 Q: Taxation - When you go to your local hardware store and buy some grass seed, some duct tape, a grubbing hoe, and an extension cord, what kind of tax will you pay there?

A: sales tax

405 Q: Office Terms - A member of the House of Representatives is elected for how many months?

A: 24

406 Q: Practical Technology - What is the main product of the desalinization process?

A: water (fresh water)

407 Q: Arthropods - Arthropods can smell, hear, and touch through what paired appendages on their heads?

A: antennae (feelers)

408 Q: Plurals - How do you form the irregular plurals of nouns that end with the letters "is"?

A: change "is" to "es"

409 Q: Franklin's Words - In reference to the Declaration of Independence, Benjamin Franklin warned that "We shall all hang separately" if we fail to do what?

A: hang together

410 Q: Park Formation - The formation of what national park in Kentucky began millions of years ago with the action of mildly acidic groundwater dissolving beds of limestone?

A: Mammoth Cave

411 Q: Botany and Physiology - What term can indicate either the reproductive structure in conifers or the type of photoreceptor in the retina for color vision?

A: cone

412 Q: Clock Bearings - An object directly to the port side of a ship is said to be at what o'clock?

A: nine

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 413 Q: Suffixes - The suffixes in these words indicate they are what part of speech?  
animate, magnify, improvise, characterize
- A: verbs
- 414 Q: Phrases - The object of the preposition in a prepositional phrase is in what case?
- A: objective
- 415 Q: Microscope Use - When you are preparing to look at a wet mount of something through a microscope, you place the specimen in the center of a slide. Then, what do you place immediately over the specimen?
- A: cover slip (cover glass)
- 416 Q: Skeletal System - What series of bones protect the spinal cord?
- A: vertebrae
- 417 Q: Lakes - These are classifications for lakes that contain concentrations of what?  
subsaline  
hyposaline  
mesosaline  
hypersaline
- A: salt
- 418 Q: Levers - If a lever is perfectly balanced on its fulcrum, then the fulcrum is directly beneath the lever's center of what?
- A: gravity (mass)
- 419 Q: Central American History - What is now the name of the Central American country that encompasses the region originally given this name by the Spaniards?  
Provincia De Nuestro Senor Jesus  
Cristo, El Salvador del Mundo
- A: El Salvador
- 420 Q: Travel Problems - Two trucks are two hundred miles apart on a straight Nevada highway. One starts at 9:00 p.m. and drives west at 60 mph. The other starts at 9:00 p.m. and drives east at 40 mph. What time do they meet?
- A: 11 p.m.
- 421 Q: Dreaming - A person spends about one-third of his life sleeping and about one-quarter of that dreaming. An 84-year-old has spent how many years dreaming?
- A: 7
- 422 Q: Slavery - In 1619, slavery began in the British colonies of North America when twenty Africans were first brought to what town in colonial Virginia?
- A: Jamestown
- 423 Q: European History - As legend has it, the history of what great European city can be traced back to a couple of boys and a carnivorous quadruped?
- A: Rome

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

424 Q: Elections - These men unsuccessfully ran against whom in different presidential elections?  
Herbert Hoover, Alf Landon, Wendell Willkie,  
Thomas Dewey

A: Franklin Roosevelt

425 Q: Equations - Any term on one side of an equation may be shifted to the other side by changing its what?

A: sign

426 Q: Precious Bodily Fluids - Severe diarrhea, vomiting, or simply prolonged exposure to heat can cause excessive loss of water from the body. Name this condition.

A: dehydration

427 Q: Lightning - All forms of lightning result from an unequal distribution of what subatomic particles?

A: electrons

428 Q: Agricultural Expressions - Distinguishing between the wanted and the unwanted or the valuable from that lacking value is separating the wheat from what?

A: the chaff

429 Q: Streams - Reminiscent of a piece of flatware, name the place where two streams of approximately equal volume come together.

A: fork

430 Q: Factions - How were the advocates and opponents of the proposed U.S. Constitution respectively known?

A: Federalists and Antifederalists

431 Q: Roman Numerals - Express as a Roman numeral the number of labors set for Hercules by Hera.

A: XII

432 Q: Electrical Charges - Any particle that contains more protons than electrons is said to have what kind of charge?

A: positive

433 Q: Latitudes - Name the two largest countries through which the Arctic Circle passes.

A: Canada, Russia

434 Q: Seas - What sea is between Jordan and Israel?

A: Dead Sea

435 Q: Wit - What form of wordplay is used in this quip?  
My dog wrote a novel, but it was terrible.  
The plot was too arf-fetched.

A: pun



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

436 Q: Sentence Analysis - The simple subject comprises what fraction of the complete subject in this sentence?

Wandering back and forth in his prison cell  
was the former corporate executive.

A: 1/4

437 Q: Spindles - Name the line around which a spindle rotates.

A: axis

438 Q: Evolutionary Improvements - Thanks to an insulating covering of fur or hair, what class of creatures does not become sluggish or overheated when external temperatures drop below or rise above their optimum internal temperatures?

A: mammals

439 Q: Peruvian Places - Beneath the scorching sun of the Peruvian desert is Huacachina, a tiny settlement amidst the sand dunes, complete with a lagoon and lush palm groves. What is the term for such a lush spot in a wasteland?

A: oasis

440 Q: Fictional Critters - What kind of animals are these fictional creatures?

roc  
jubjub  
phoenix  
mockingjay

A: birds

441 Q: Grammatical Voice - If you restate the following sentence in the passive voice, what word functions as the simple subject?

Lions eat wildebeest.

A: wildebeest

442 Q: Writing - What figure of speech does Francis Bacon use in this passage?

Some books are to be tasted, others to be  
swallowed, and some few to be chewed and  
digested.

A: metaphor

443 Q: Triangles - Name the longest side of a right triangle.

A: hypotenuse

444 Q: Criminal Associations - Sheriff Slayton arrested Larry Lonigan, the lookout, shortly after Bugeye Butowski assaulted Slim Slamora while robbing Carlotta's Cafe, an event witnessed by Bonbon Binelli. Who was the accomplice?

A: Larry Lonigan

445 Q: Presidential Goals - What goal stated by President Kennedy in 1961 involving a 240,000-mile journey was achieved eight years later?

A: manned lunar landing

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 446 Q: Change of State - Name the point at which a solid material changes into a liquid state?  
A: melting point
- 447 Q: Explorers - Major discoveries on what continent were made by Vasco da Gama, Sven Hedin, St. Francis Xavier, and Marco Polo?  
A: Asia
- 448 Q: Aviation Physics - This is about what kind of aircraft?  
The pilot increases its buoyancy by adding gas from pressurized tanks to expand the flotation bladders, displacing the heavier air.  
A: dirigible (blimp, airship)
- 449 Q: Ratios - Express as an improper fraction the ratio of 3 feet to 5 inches.  
A:  $\frac{36}{5}$
- 450 Q: Regions - What is the name for the region between  $66\frac{1}{2}$  degrees south latitude and the South Pole?  
A: Antarctic
- 451 Q: Wartime Novels - Complete this title of the Civil War novel in which young Jefferson Davis Bussey fights for the North and the South at different times.  
Rifles for ...  
A: Watie
- 452 Q: Historical Math - In 1650, London's population reached 350,000. Since the city contained seven percent of the entire English population, how many people were in England then?  
A: 5 million
- 453 Q: Compass Reading - On a compass, what direction is opposite of WSW?  
A: ENE (east northeast)
- 454 Q: Hopeless Situations - When a sea captain realizes that his vessel is about to sink, what order does he issue?  
A: Abandon ship!
- 455 Q: Homophones - What two words are homophones in this line?  
How much wood would a woodchuck chuck  
if a woodchuck could chuck wood?  
A: would, wood
- 456 Q: Enduring Puns - According to the pun, what term indicating repudiation "ain't just a river in Egypt"?  
A: denial

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

457 Q: Big Blasts - The Mount St. Helens eruption of 1980 ejected four cubic kilometers of material. The eruption of Mt. Tambora in 1815 ejected eighty cubic kilometers of material. The Tambora eruption was how many times larger than the St. Helens eruption?

A: 20 times

458 Q: Forests - Rain forests are located in more than seventy countries, but more than half of their total area is in three countries including the Democratic Republic of the Congo, Indonesia, and what other?

A: Brazil

459 Q: Physics Prefixes - What phenomenon is studied by a physicist in thermodynamics?

A: heat

460 Q: Laws of the Land - Name the constitution of the thirteen American colonies adopted in 1781.

A: Articles of Confederation

461 Q: Compromises - The Connecticut Compromise, otherwise known as the Great Compromise, was based on establishing what two congressional bodies?

A: Senate, House of Representatives

462 Q: American Government - Which branch of American government neither makes laws nor enforces them?

A: judicial branch

463 Q: Sprains - In a Type 1 ankle sprain, what tissues are stretched?

A: ligaments

464 Q: Ascents - Photographs taken in the spring of 2019 showed a dense line of people ascending what peak that Tenzing Norgay and Edmund Hillary climbed alone in 1959?

A: Mt. Everest

465 Q: Square Numbers - If the last digit of a number is 5, then its square must end in what two numbers?

A: 25

466 Q: Real Estate - In 1803, negotiations with the French that were originally confined to the purchase of the port city of New Orleans resulted in what major land acquisition for the United States?

A: Louisiana Purchase

467 Q: Rhode Island History - Rhode Island was settled mainly by English colonists from what other colony?

A: Massachusetts

468 Q: Legendary Americans - John Luther Jones held what job at the time of his death?

A: engineer (railroad engineer)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 469 Q: Idioms - What idiom that means something is out of place includes "thumb"?
- A: stick out like a sore thumb
- 470 Q: Bouncing - A rubber or steel ball dropped on a concrete surface will bounce. What physical property is responsible for this?
- A: elasticity
- 471 Q: Special User Fees - Name the fixed charge or tax that people pay for the privilege of crossing certain bridges or using certain highways.
- A: toll
- 472 Q: Making a Living - What adjective indicates animals that attack and feed on other animals?
- A: predaceous (predatory, carnivorous)
- 473 Q: Felines - What hyphenated adjective describes the exceptionally long, curved, maxillary canine teeth of certain extinct predatory felines of the Eocene and Pleistocene epochs?
- A: saber-toothed
- 474 Q: Historical Paintings - A famous painting by Emanuel Leutze depicts George Washington standing in a boat full of soldiers on Christmas night in 1776 on what river?
- A: Delaware River
- 475 Q: Horrid Winters - Malnutrition along with typhus, smallpox, dysentery, typhoid, and pneumonia were among the afflictions suffered by George Washington's troops when they bivouacked in what Pennsylvania valley during the winter of 1777-1778?
- A: Valley Forge
- 476 Q: Treaties - The Hay-Bunau-Varilla Treaty was concluded in 1903 between the United States and what newly independent Central American country?
- A: Panama
- 477 Q: Antecedents - What is the antecedent of the second pronoun in this line?  
Boys are beyond the range of anybody's sure  
understanding, at least when they are between  
the ages of 18 months and 90 years.
- A: boys
- 478 Q: Advertising - What is the general name for these kinds of phrases associated with product promotion?  
Stronger than dirt.  
The happiest place on earth.  
When there is no tomorrow.  
Fueling the American spirit.  
Pleasing people the world over.  
Keeps going and going and going.  
Solutions for a smart planet.
- A: slogans

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

479 Q: Epitaphs - What nonce word completes this epitaph?

Here lies the body of Samuel Crane  
He ran a race with a passenger train  
He got to the crossing and almost across  
Sam and his car was a total loss  
Sam's spirit now tolls his knell  
That Sam is on his way to, well,  
If he only took time to stop look and listen  
He'd be living now instead of ...

A: missen

480 Q: Military Songs - What term in the official U.S. Air Force song means "the far distance"?

A: yonder

481 Q: Reciprocals - What is the reciprocal of  $3x - 2y$ ?

A:  $1/(3x - 2y)$

482 Q: Presidential Statements - Who said this?

My political nominations must be exceedingly circumspect. No slip into partiality will pass unnoticed. By having Mr. Jefferson as the head of the Department of State, Mr. Jay of the Judiciary, Hamilton of the Treasury, and Knox of that of War, I feel myself supported extremely well.

A: George Washington

483 Q: Averages - What is the arithmetic mean of these numbers?

1, 3, 6, 8, 12

A: 6

484 Q: Production Percent - If your company produced 7.5 million left-handed hammers last year and 9 million this year, what is the percent of increase?

A: 20%

485 Q: Mills - What is ground in a gristmill?

A: grain

486 Q: Animals - If you were a marsupial living in South Australia and your diet was primarily eucalyptus leaves, what would you be?

A: koala

487 Q: Adjectives - This line by Samuel Goldwyn illustrates what degree of comparison?

The harder I work, the luckier I get.

A: comparative

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 488 Q: Physical Science History - What word completes this limerick?  
Archimedes, Sicilian by birth,  
Mathematician and thinker of worth.  
Eureka! So clever,  
With fulcrum and lever,  
He boasted, "I'll move the whole ..."
- A: Earth
- 489 Q: Civil War Geography - What was the northeasternmost U.S. state during the Civil War?
- A: Maine
- 490 Q: Angles - How many minutes are in three degrees?
- A: 180
- 491 Q: Expressions - Something done out of affection or a deep abiding interest is called a labor of what?
- A: love
- 492 Q: Mirrors - What adjective describes a mirror that is bulging outward?
- A: convex
- 493 Q: Straits - What strait now exists where once a land bridge connected Siberia and Alaska?
- A: Bering Strait
- 494 Q: Glaciers - What is the term for a deep open fissure in a glacier?
- A: crevasse
- 495 Q: Plant Physiology - What structures on a plant are used to procure inorganic nutrients such as minerals and water?
- A: roots
- 496 Q: Perimeters - What is the length of a side of an equilateral triangle with a perimeter of 39 centimeters?
- A: 13 centimeters
- 497 Q: Sentence Correction - What word should replace the one wrong word in this sentence?  
Hundreds who attended the Star Wars  
Convention drove their own vehicle.
- A: vehicles
- 498 Q: Astronomy - Name the nearest heavenly body with a core, radiative zone, and a convection zone, and whose outer layers include a photosphere, chromosphere, transition region, and corona.
- A: Sun
- 499 Q: Affixes - What suffix is added to most one-syllable modifiers to form the comparative degree?
- A: -er

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

500 Q: Infinitives - What is the infinitive form of the verb whose past participle is "stolen"?

A: to steal

501 Q: Fraction Exponentiation - What is the square of  $1/6$ ?

A:  $1/36$

502 Q: The Number Line - The origin on the number line is what point?

A: 0

503 Q: Protagonists - In a book by Patricia MacLachlan, what character sends this note in reply to an advertisement?

I will come by train. I will wear a yellow bonnet.  
I am plain and tall. Tell them I sing.

A: Sarah (Sarah Wheaton)

504 Q: Resources - In 1855, a Pennsylvania businessman, George Bissell, sent a sample of some stuff that was seeping from the ground to Yale University for analysis. The Yale chemist said it could be used for lighting and that it would also yield products like paraffin and naphtha. What was this stuff?

A: oil (petroleum)

505 Q: Sentence Parts - What is the indirect object in this example?

The master chef taught our class the art  
of ivory-billed woodpecker roasting.

A: class (our class)

506 Q: Ancient Disasters - About two thousand years ago, the same volcanic disaster that killed a large percentage of the inhabitants of what small city in southern Italy also preserved its streets and buildings?

A: Pompeii (or Herculaneum)

507 Q: Syllogisms - Complete this syllogism.

Either it is green and has a prehensile tongue  
or it is not slimy. It is not slimy. Therefore,  
it ...

A: is green and has a prehensile tongue

508 Q: Planets - What planet is known to have a troposphere, lithosphere, and hydrosphere?

A: Earth

509 Q: Chemical Reactions - How many molecules of table salt could be made in the chemical reaction of 1 million atoms of sodium and 1 atom of chlorine?

A: 1

510 Q: Ancient Fortifications - The fortified height of a city in what ancient land was called an acropolis?

A: Greece

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 511 Q: International Economics - International trade is based on imports and what?  
A: exports
- 512 Q: Business Math - Auks-R-Us bought an original auk statuette for \$16 and marked it up 25%. Then, when it didn't sell, the item was marked down 50%. What was its price then?  
A: \$10
- 513 Q: Diet - A balanced diet includes appropriate amounts of carbohydrates, fats, vitamins, minerals, fiber, water, and what other nutrients?  
A: proteins
- 514 Q: Writing Errors - What word should be used to correct this sentence?  
Neither they nor I were present in class.  
A: was
- 515 Q: Heat Transfer - Name the heat transfer mechanism by which solar energy reaches the Earth.  
A: radiation
- 516 Q: Sentence Subjects - How many subjects are in this sentence?  
Beneath the bright stars and the silver moon,  
a young frog croaked and hyenas chortled.  
A: 2
- 517 Q: Continents - Name the smallest continent.  
A: Antarctica
- 518 Q: Assassins - What was the profession of the man who killed Abraham Lincoln?  
A: actor
- 519 Q: Matter - What common characteristic of a sample of matter is determined by multiplying its length times its width times its height?  
A: volume
- 520 Q: Songs - These are the introductory words to what song in a musical set in London?  
In ev'ry job that must be done  
There is an element of fun.  
You find the fun and snap!  
The job's a game.  
A: A Spoonful of Sugar
- 521 Q: 20th-Century Africa - This is about what country?  
Africa's richest country became a republic in 1961, but its policy of racial separation called apartheid made it an outcast among nations.  
A: South Africa



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

522 Q: The Solar System - This is a description of what planet?

Like the Moon, it is a small, airless world pockmarked with craters and scoured by intense sunlight with insufficient interior heat left to drive surface activity.

A: Mercury

523 Q: Industrialists - This is about whom?

He built his first car in 1893, his first Model T in 1908 and, by 1920, he had built most of the eight million horseless carriages rattling around the American countryside.

A: Henry Ford

524 Q: Perimeters - What is the perimeter in yards of an equilateral decagon if each side is 6 feet long?

A: 20

525 Q: Town Histories - These are cities and towns occupying land that was purchased from what country?

Bethel, Palmer, Soldotna, Kotzebue, Wrangell

A: Russia

526 Q: Homonyms - What word has all these meanings?

- a pulsation or throb
- a type of news that a reporter usually covers
- to flap repeatedly
- a regular rhythmical unit of time
- to mix rapidly with a utensil
- to defeat someone in a contest
- to strike repeatedly

A: beat

527 Q: Implants - Surgeons sometimes implant a pacemaker to help what organ function regularly?

A: heart

528 Q: Pet Purchasing Problems - At Andy's Alien Pet Emporium, there are 80 creatures for sale. Every third one has orange hair. Every fourth one has a toothy grin, and every eighth one has a spiral horn. How many of Andy's creatures have all of these highly desirable characteristics?

A: 3

529 Q: Averages - What is the mean of this set of scores?

12, 17, 46, 53, 222

A: 70

530 Q: Steam - On the Celsius scale, what is the value of the steam point?

A: 100 degrees

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 531 Q: Flubbed Metaphors - What word should Al Gore have used when he made this statement?  
A leopard can't change his stripes.
- A: spots
- 532 Q: Palindromes - What is the first palindromic prime number greater than 100?
- A: 101
- 533 Q: Numbers - What are the fourth and fifth ordinal numbers?
- A: fourth, fifth
- 534 Q: Equestrian Stories - In the novel, "National Velvet," how does Velvet acquire her first horse?
- A: in a raffle
- 535 Q: Chords - Name the chord that passes through the center of a circle.
- A: diameter
- 536 Q: Skin Problems - What condition that can usually be controlled simply by daily shampooing causes millions of people to think twice before donning basic black outfits?
- A: dandruff
- 537 Q: Autotrophs - What kind of energy do photoautotrophic organisms use to manufacture food?
- A: light (electromagnetic)
- 538 Q: Adjectives - What is the adjective form of the proper noun, Argentina?
- A: Argentinian (Argentine)
- 539 Q: Legislative Bodies - What federal body includes a chaplain, parliamentarian, clerk, sergeant at arms, doorkeeper, and speaker?
- A: House of Representatives
- 540 Q: Prepositions - What preposition usually begins a phrase that follows these verbs?  
pay, work, look, prepare
- A: for
- 541 Q: French Territories - In 1701, name the province of France that covered most of the area drained by the Mississippi, Missouri, and Ohio rivers.
- A: Louisiana
- 542 Q: The Roots of Arts - These plays and novels were inspired by the history of what ancient civilization?  
Quo Vadis  
The Last Days of Pompeii  
Antony and Cleopatra  
Julius Caesar  
Spartacus
- A: Rome

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

543 Q: Algebraic Ratios - Express this ratio in lowest terms.  
4ab to 3ab

A: 4 to 3

544 Q: Figurative Language - What figure of speech is used repeatedly in this poem?  
I am a streak of metallic blue mixed in with  
shiny silver. / I am a brave dog helping others  
and scavenging for food. / I am a diminutive  
rain shower brewing up a great storm. / I am  
a blue leather arm chair comforting all who  
take a seat.

A: metaphor

545 Q: Interjections - In the U.S. national anthem, what two interjections appear next to one another?

A: oh say

546 Q: Cavalry Units - What unit of volunteers in the Spanish-American War, commanded by  
Leonard Wood and Theodore Roosevelt, got its name from a show entitled "Buffalo Bill's Wild  
West and Congress of Rough Riders of the World"?

A: Rough Riders

547 Q: Gears - If you have two equal-sized gears, A and B, being driven by a larger gear between  
them, what is the direction of rotation of gear B in comparison to that of gear A?

A: It is the same.

548 Q: Boats - Name the flat-bottomed boats that are often pushed by tugboats and carry heavy  
bulk goods like oil and grain on rivers, lakes, and canals.

A: barges

549 Q: Leaves - What is the name for the stiff narrow leaves of conifers?

A: needles

550 Q: Temporary Headquarters - The first home of the U.S. government was on what New York  
street now known as the American financial center?

A: Wall Street

551 Q: Batting Averages - One baseball season, Superman got a hit every time he was at bat. If he  
was up 83 times, what was his batting average?

A: 1 (or 1000)

552 Q: Farming Practices - Some farmers will plant corn one year and soybeans the next in the  
same plot. Others may plant sunflowers one year and potatoes the next. Name this kind of  
agricultural practice which helps to maintain nutrient-rich soil.

A: crop rotation

553 Q: Ecology - Polar bears are to carnivores as pandas are to ...

A: herbivores

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

554 Q: County Counts - With 254, what state can boast that it has more counties than any other?

A: Texas

555 Q: Map History - Early maps and charts were drawn on stretched animal skin called what?

A: parchment

556 Q: Math Suffixes - What is the meaning of the suffix in such words as nonagon, tetragon, polygon, and hexagon?

A: angle

557 Q: Journalism - Name the time that a story must be submitted in order to be included in a newspaper edition.

A: deadline

558 Q: Science Homonyms - What term may mean either one of the four fundamental states of matter or the clear yellowish fluid portion of blood?

A: plasma

559 Q: Custer's Last Stand - Since the Battle of the Little Bighorn occurred while the U.S. was celebrating its centennial, in what year did this battle occur?

A: 1876

560 Q: Emergency Measures - The effects of what are counteracted by an antidote?

A: poison (toxin, venom)

561 Q: Statistics - What is the range on a test if the highest score was 123, the lowest was 81, and the mean score was 107?

A: 42

562 Q: Percentage - What is the percentage change from 10 to 30?

A: 200%

563 Q: Fractions - How does the value of the fraction change if the values of X and Z in the fraction  $\frac{XY}{Z}$  are both doubled?

A: remains the same

564 Q: Figurative Language - What figure of speech is in this line?  
A library is thought in cold storage.

A: metaphor

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 565 Q: Sayings - These are contemporary versions of a quotation by what former president?  
Speak loudly and carry a boiled carrot.  
Speak softly and carry a big lightsaber.  
Speak loudly and carry no stick at all.  
Speak softly and carry a blank check.  
Speak loudly and carry a lipstick.  
Speak softly and carry a camera.
- A: Theodore Roosevelt
- 566 Q: Fractions - Change  $16\frac{1}{4}\%$  to an equivalent fraction reduced to lowest terms.
- A:  $\frac{13}{80}$
- 567 Q: Traditions - Although it is not a federal holiday, name the day that has been celebrated annually since 1916 on which Americans are encouraged to display Old Glory?
- A: Flag Day
- 568 Q: Photography - What kind of camera lens is a form of telescope?
- A: telephoto lens
- 569 Q: Homonyms - What term can mean either a type of insect with long antennae and legs suited for leaping or a game played with bats, balls, and wickets?
- A: cricket
- 570 Q: Writing - Early in a western, the protagonist is walking down the street. As he passes, a guy with a scruffy beard, an old black hat, and an eye patch spits where the hero just walked, suggesting something unpleasant is going to eventually happen. This illustrates what literary technique?
- A: foreshadowing
- 571 Q: Wartime Letters - This is from a letter written during what war?  
The Hessians, the best of the German troops,  
are by no means equal to the British in any  
respect. They are steady, but their slowness  
is of the greatest disadvantage in a country  
almost covered with woods, and against an  
enemy who runs from fence to fence and keeps  
up a galling fire on troops who advance with  
the same pace as at their exercise.
- A: Revolutionary War (American Revolution)
- 572 Q: Failed Construction Projects - In 1881, the French Canal Company under Ferdinand de Lesseps attempted to build a sea-level waterway across what isthmus?
- A: isthmus of Panama
- 573 Q: Line Postulates - Two lines in the same plane must either run parallel to each other or they must do what?
- A: intersect (crisscross, meet, cross)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

574 Q: Polygon Perimeters - What is the length of one side of a regular octagon with a perimeter of 160 inches?

A: 20 inches

575 Q: Triangle Angles - If one angle of a triangle is twice as large as another and three times as large as the third, how many degrees are in the largest angle?

A: 90

576 Q: Planets - The name for what flower can be made from the first letters of these planets in this order from the Sun?

4th planet

7th planet

1st planet

A: mum

577 Q: Government - As used in an American pledge, the obligation to support and obey a leader or government in return for protection is called what?

A: allegiance

578 Q: Archaic Language - The archaic expression "thou art" is equivalent to what modern words?

A: you are

579 Q: Mass Media - In journalism, "photo ops" is short for what?

A: photo opportunities

580 Q: Parallel Structure - What two words complete this line by Mark Twain illustrating parallel structure?

It is better to deserve honors and not have  
them than to have them and not to ...

A: deserve them

581 Q: Factories - This is about an industrial plant set up by whom in 1910?

A huge conveyor moved thousands of parts.  
Axles were assembled along the lines that met  
the lines on which the car frames were  
assembled. Assembled wheels joined the line  
to be fastened to the ends of axles.

A: Henry Ford

582 Q: Vocabulary - A conflagration is a large and destructive what?

A: fire

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

583 Q: Rodent Poems - What German town is the setting for the poem that includes these lines?

Great Rats, small rats, lean rats, brown rats,  
Brown rats, black rats, gray rats, tawny rats,  
Grave old plodders, gay young friskers,  
Fathers, mothers, uncles, cousins,  
Cocking tails and prickling whiskers,  
Families by tens and dozens,  
Brothers, sisters, husbands, wives

A: Hamelin

584 Q: Age of Exploration - These people were from what country?

Vasco da Gama  
Ferdinand Magellan  
Henry the Navigator  
Juan Cabrillo  
Bartholomeu Dias

A: Portugal

585 Q: Theater - In what kind of play is the audience urged to cheer the hero and boo the villain?

A: melodrama

586 Q: Australian History - Around 1770, what European country claimed Australia?

A: Great Britain (England)

587 Q: Substance Deterioration - What is produced as the nuclei of uranium or plutonium disintegrate over time?

A: radiation

588 Q: Simplification - Simplify the ratio of 4 feet to 6 yards.

A: 2 to 9

589 Q: Constitutional Authority - The Constitution states that all of what kind of powers "shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives"?

A: legislative powers

590 Q: Printing - What was the nationality of the 15th-century inventor who came up with using movable type printing?

A: German

591 Q: Revolutionary Quotes - Complete this quote by Ben Franklin.

We must all hang together or most assuredly  
we shall ...

A: all hang separately

592 Q: Electrical Costs - If you are paying 20 cents per kilowatt hour, what does it cost to keep a 100-watt light bulb burning for 8 hours?

A: 16 cents

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 593 Q: Muscles - What specialized skeletal muscle is involved in the gustatory sense, swallowing, speech, and chewing?
- A: tongue
- 594 Q: Old West Commerce - In the Old West, what was the name for the stores that, for most of their transactions, relied on barter instead of the exchange of currency?
- A: trading posts
- 595 Q: Calculators - The wires define place value and the beads on each wire represent the digits of a particular number on what device?
- A: abacus (counting frame)
- 596 Q: Minor Disorders - Blackheads and whiteheads affect which body system?
- A: integumentary (skin)
- 597 Q: Commanders - In 1775, the Continental Congress appointed whom as commander in chief of the "Continental forces to be raised for the defense of liberty"?
- A: George Washington
- 598 Q: Repeating Decimals - The repeating decimal 0.142857... is equivalent to what fraction?
- A:  $\frac{1}{7}$
- 599 Q: Poems - Name this poem by Langston Hughes.  
Hold fast to dreams, for if dreams die  
Life is a broken-winged bird that cannot fly.  
Hold fast to dreams for when dreams go  
Life is a green field frozen with snow.
- A: Dreams
- 600 Q: Inertia - According to the law of inertia, if an object is at rest, it tends to do what?
- A: stay (remain) at rest
- 601 Q: Tolkien - In contrast with the benevolent Elvish race, J.R.R. Tolkien wrote of what aggressive, foul, repulsive, malevolent species?
- A: orcs (goblins)
- 602 Q: Athletic Training - In relation to athletics, what is a synonym for stamina?
- A: endurance (fortitude)
- 603 Q: Proverbs - According to the proverb, all work and no play makes whom a dull boy?
- A: Jack
- 604 Q: Weight - Rounded to the nearest thousand, how much would the 66,000-pound Sherman tank in your backyard weigh on the Moon?
- A: 11,000 pounds



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 605 Q: Polytheism - These are gods of what ancient civilization?  
Amun, Hathor, Thoth, Osiris, Horus, Isis
- A: Egypt
- 606 Q: Venezuela - What is the capital of Venezuela?
- A: Caracas
- 607 Q: International Relations - The United Nations was founded at the end of what war?
- A: World War II
- 608 Q: Animal Behavior - As soon as sea turtles hatch on the beach, they begin to work their way to the ocean. Honeybees all seem to understand communication by dance. Birds build nests and beavers build dams without instruction. These are all examples of inborn patterns of behavior called what?
- A: instincts
- 609 Q: Deserts - The Sahara is the largest hot desert in the world. What is the world's largest cold desert?
- A: Antarctica
- 610 Q: Measurement Problems - There are 5.2 liters of water in a bucket. A jug holds 3.9 liters less than the bucket. What is the volume of water in the jug?
- A: 1.3 liters
- 611 Q: Ancient Civilizations - On what continent did the kingdoms of Cush, Axum, Mali, and Songhai develop?
- A: Africa
- 612 Q: Wildlife Classifications - While anteaters are insectivores and lions are carnivores, what are sloths?
- A: herbivores
- 613 Q: Physical Properties - A gold doubloon sinks to the bottom of the sea because what property of gold exceeds that of saltwater?
- A: density (specific gravity)
- 614 Q: Wars - This is about what war?  
Pyongyang fell and U.N. troops pushed the enemy forces north to the Yalu River.
- A: Korean War
- 615 Q: Rhyme - This verse from "The Rime of the Ancient Mariner" illustrates what rhyme scheme?  
It is an ancient Mariner,  
And he stoppeth one of three.  
'By thy long grey beard and glittering eye,  
Now wherefore stopp'st thou me?
- A: ABCB

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 616 Q: Stories - Complete this line from the novel, "National Velvet."  
"I don't like people," said Velvet.  
"I only like ..."
- A: horses
- 617 Q: American Revolution - American colonists during the Revolutionary War were either loyalists or members of what other faction that wanted independence from Britain?
- A: patriots
- 618 Q: Allusions - This line alludes to a character created by what British author?  
Stewart didn't like to spend money. He was no Scrooge, but he seldom purchased anything except the bare essentials.
- A: Charles Dickens
- 619 Q: Contractions - "It's" is the contraction either for "it is" or for what else?
- A: it has
- 620 Q: Distinctive Name Geography - In what U.S. state are these sites located?  
Kaanapali  
Haleakala National Park  
Pu'uhonua o Honaunau National Historic Park
- A: Hawaii
- 621 Q: Geology - Name the hot, viscous liquid that forms when rock partially or completely melts below the Earth's crust.
- A: magma
- 622 Q: Organs - What organ of the integumentary system consists of multiple layers of ectodermal tissue?
- A: skin
- 623 Q: Algebraic Addition - What is the sum of the following?  
 $5a + 3b - 2c$   
 $-2a + 3b + 2c$
- A:  $3a + 6b$
- 624 Q: Courtrooms - In the courtroom, the two sides in a criminal case are called the prosecution and what other?
- A: defense
- 625 Q: Temporary Disabilities - What physiological condition results in your biceps if you do curls, even with light weights, over a prolonged period?
- A: fatigue
- 626 Q: Warfare - What was the first country to use jet aircraft in warfare?
- A: Germany

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

627 Q: The Solar System - The planets and many lesser bodies orbit the Sun. The lesser bodies include the Moon, comets, and what else?

A: asteroids (planetoids)

628 Q: Time Periods - How many days are in a fortnight?

A: 14

629 Q: Cool Bugs - The North American versions of these creatures spend most of their lives as underground nymphs, but they emerge as full grown insects in cycles of either 13 or 17 years. What large-eyed, very loud insects are these that emerge together in huge numbers?

A: Cicadas

630 Q: Numbers - Integers may be expressed as fractions with a denominator of what value?

A: 1

631 Q: Impeachment - If a U.S. president were to be impeached, members of what organization would serve as jurors at the trial?

A: Senate

632 Q: The Declaration - In support of the Declaration of Independence, the signers pledged their fortunes, their sacred honor, and what else?

A: their lives

633 Q: Seashore Sites - In what state is the Canaveral National Seashore?

A: Florida

634 Q: Substances - What common transparent substance is actually a super-cooled liquid or a solid solution?

A: glass

635 Q: Pronouns - What is the object pronoun that corresponds with the subject pronoun "I"?

A: me

636 Q: Spheres - What is the name for precisely half of a sphere?

A: hemisphere

637 Q: Business Ventures - This is about what venture?

These unarmed horsemen galloped on, summer or winter, day or night, through dust or snow, past Indians and bandits and only missed one trip during the eighteen legend-leaving months this organization existed.

A: Pony Express

638 Q: Body Systems - What major body system regulates breathing, balance, coordination, heartbeat, digestion, emotions, sensation, and perception?

A: nervous system

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 639 Q: Ratios - Express this ratio in lowest terms.  
7/4 to 1/8
- A: 14
- 640 Q: Stringed Instruments - Standard guitars have how many strings?
- A: 6
- 641 Q: Stories - "It was not that Omri didn't appreciate Patrick's birthday present to him" is the first line of a story by Lynne Reid Banks. Complete the title of that story.  
The Indian in the ...
- A: Cupboard
- 642 Q: Interest - In one year, what is the amount of simple interest on \$4000 at 8.5%?
- A: \$340
- 643 Q: Writing Errors - What phrase is misplaced in this line?  
The cause of the blaze has been determined  
to be arson by Sheriff Ronald Walker.
- A: by Sheriff Ronald Walker
- 644 Q: Consonants - Another name for a consonant cluster is a consonant what?
- A: blend
- 645 Q: Cubes - What is the sum of the faces, edges, and corners of a cube?
- A: 26
- 646 Q: Speaking - What word that rhymes with "fiction" indicates the degree of clarity and distinctness of pronunciation?
- A: diction
- 647 Q: Homonyms - What term can indicate a plant that establishes itself in a previous barren region, someone who opens up new areas of research, or someone who ventures into unclaimed territory to settle?
- A: pioneer
- 648 Q: Poisons - Many young children have become very ill and have even died after chewing on painted objects. What substance in old paint is to blame?
- A: lead
- 649 Q: Latin America - The official name of what Latin American country literally translates as "Republic of the Equator"?
- A: Ecuador (Republica del Ecuador)
- 650 Q: Enumerations - In 2010, more than six million workers were hired to conduct a national census of what country that, by some estimates, had a population exceeding 1.3 billion?
- A: China

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

651 Q: Nuclear Physics - The Sun consumes about 700 million tons of what element per second?

A: hydrogen

652 Q: Continents - What is the only continent that lies entirely north of the tropic of Cancer?

A: Europe

653 Q: Past Professions - The development of what technology put most scribes out of business?

A: printing

654 Q: Arachnids - What two colors are in the names of the spiders that cause about half of all spider bites reported to poison control centers annually in the U.S.?

A: black, brown

655 Q: Declarations of Independence - In 1903, with the support of the U.S. government, Panama issued a declaration of independence from what South American country?

A: Colombia

656 Q: Landforms - What are these?

Namib  
Gibson  
Kalahari  
Mojave  
Great Sandy

A: deserts

657 Q: Revolutionaries - Jose de San Martin and Simon Bolivar led rebels against what country?

A: Spain

658 Q: Big Lands - What country is north of Georgia, Azerbaijan, Kazakhstan, Mongolia, and China?

A: Russia

659 Q: Imperialism - Hong Kong was the last Asian colony of what European country?

A: Great Britain (United Kingdom)

660 Q: Fictional Characters - Charles Dickens considered "Little Fred" and "Tiny Mick" as names for a character in "A Christmas Carol" before choosing what other name?

A: Tiny Tim

661 Q: Vocal Music - Yodeling is a form of vocal music that developed in what European mountain range?

A: Alps

662 Q: Light - When light rays diverge, they spread out. When they converge, they can reach a point called a what?

A: focus

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

663 Q: Assassinations - In 1948, Mahatma Gandhi was assassinated in what country?

A: India

664 Q: Verb Choice - Supply the present tense form of the verb "to be" in this sentence.  
Half of the boys ---- in camp.

A: are

665 Q: Polynesian Watercraft - What kind of canoe used by Polynesians has a long, thin float attached parallel to the hull by projecting spars to prevent capsizing?

A: outrigger

666 Q: Advertising in the Old West - An 1874 ad began with "Farmers! Take Notice! The Greatest Invention of the Age!" This advertisement was for what new product invented by Joseph Glidden to keep livestock from roaming onto other settlers' lands?

A: barbed wire

667 Q: Algebraic Simplification - Simplify this expression.  
 $4x + 3y + x - 7y - 3$

A:  $5x - 4y - 3$

668 Q: Gases - Through the process of methanogenesis, microorganisms produce what combustible gas?

A: methane

669 Q: Heat - You are roasting a hot dog over an open campfire on the end of a straightened steel coathanger. When the end of the coathanger in your hand becomes too hot to hold, this illustrates what form of heat transfer?

A: conduction

670 Q: Field Fencing - You have a rectangular field with dimensions of 22 by 66 yards. To build a fence around the entire field and also divide the field into three equal squares, how many yards of fencing are needed?

A: 220

671 Q: Wars - Latin American wars of independence were primarily directed against what country?

A: Spain

672 Q: The Ocean Floor - What continent lies between the Somali Plain and the Angola Plain?

A: Africa

673 Q: Woodwinds - What woodwind has a shrill brilliance associated with the highest pitch levels, and may depict the whistle of the wind, birds chirping, a flash of lightning, or piercing pain?

A: piccolo

674 Q: The Senate - The terms of what fraction of U.S. senators expire every two years?

A:  $1/3$

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

675 Q: The Sun - When the Sun is visible at 12 p.m., as it is annually north of the Arctic Circle, it is known as what kind of sun?

A: midnight sun

676 Q: Punctuation - Adding a hyphen after what word drastically changes the meaning of this sentence?

Cornville has little town charm.

A: little

677 Q: Urban Economics - In a city of 400,000 residents where the municipal budget is \$900 million, what is the per capita spending?

A: \$2250

678 Q: British Myths - This is from an oft-repeated tale about what British navigator, colonizer, and courtier?

A small quantity of mud interrupted the queen's passage, and as Elizabeth hesitated to pass on, the young gallant took the cloak from his shoulders and laid it on the miry spot so as to ensure her stepping over it dry-shod.

A: Walter Raleigh

679 Q: Heteronyms - What heteronym completes this sentence?

The abandoned organic farm used to produce ...

A: produce

680 Q: Tension - What is the tension on a slack rope?

A: zero (none)

681 Q: Mammals - These are characteristics of what flippered marine mammal?

The live in the Arctic Ocean.  
Adult males may weigh 4400 pounds.  
Adults have prominent tusks and whiskers.  
They are exceeded in size only by certain elephant seals.

A: walrus

682 Q: Ultimatums - If you tell someone to either do as you say or get out, the idiomatic way of expressing this is "my way or the" what?

A: highway

683 Q: Peninsulas - What 800-mile-long peninsula borders the Gulf of California?

A: Baja California

684 Q: Rights - In government, the term "franchise" refers to the rights of individuals to do what?

A: vote

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 685 Q: Plane Speed - If an airplane with an air speed of 400 kilometers per hour is flying into a 150-kilometer per hour headwind, its ground speed is how many kilometers per hour?
- A: 250
- 686 Q: Chicken and Egg Math - In 1998 there were about 250 million laying hens in the U.S. that produced about 66 billion eggs. On average, how many eggs did each hen produce?
- A: 264
- 687 Q: The Constitution - According to the Article I of the U.S. Constitution, members of which congressional body were to be selected by state legislatures for six-year terms?
- A: Senate
- 688 Q: Geographic Basics - The height of Polaris in degrees of arc above the horizon tells you what about your location on Earth's surface?
- A: latitude
- 689 Q: American Revolution - What form of punishment popularized by the Sons of Liberty and used against British loyalists and offensive British government officials involved a viscous hydrocarbon and plumage?
- A: tar and feathering
- 690 Q: Geographic Centers - Which of the contiguous states in the U.S. has the southernmost geographic center?
- A: Florida
- 691 Q: Gases - You have a beaker of a pure gas. When you mix it with oxygen and ignite it, the resulting product is water. What is the gas?
- A: hydrogen
- 692 Q: Ratios - Simplify this ratio.  
24 to 60
- A: 2 to 5
- 693 Q: Shadows - What is the term for the passing of one luminous or illuminated object into the shadow of another?
- A: eclipse (occultation)
- 694 Q: Rights - You have just completed the great American novel. What right do you have to sell your book to a publisher?
- A: copyright
- 695 Q: Textile Technology - Name the device that turns thread or yarn into cloth by weaving strands together at right angles.
- A: loom



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

696 Q: Game Numbers - Add the number of squares on a checkerboard to the number of squares on a chess board.

A: 164

697 Q: Writers - In 1863, Samuel Clemens was working as the city editor for Virginia City Nevada's newspaper, the "Territorial Enterprise". In February of that year, he first used what nickname under which he soon became famous?

A: Mark Twain

698 Q: Cold Air - The Siberian Express, a flow of cold air that moves into Alaska and Canada, originates above what country?

A: Russia

699 Q: Historical Verbiage - These verbs are found, in this order, in the text of what important document in American history?

becomes, dissolve, assume, requires, should  
declare, are created, are endowed

A: Declaration of Independence

700 Q: Explorers - Amerigo Vespucci referred to the area he discovered as the "Mundus Novus," which means what?

A: New World

701 Q: Physicians - Cardiologists, internists, hematologists, podiatrists, pediatricians, and neurologists who devote their practices to patients in particular categories are called what?

A: specialists

702 Q: Symbolic Math - What is the total value in cents of  $x$  quarters and 6 dimes?

A:  $25x + 60$

703 Q: Depressions - In sinkholes, what is the primary agent responsible for removing the soil and bedrock?

A: water

704 Q: Planets - What metallic element is most abundant in the windblown dust on Mars?

A: iron

705 Q: Floods - What is the probability of a 100-year flood occurring in any given year?

A: 1% (1 in 100)

706 Q: Ships - Between 1557 and 1580, who captained the Golden Hind on a round the world voyage?

A: Sir Francis Drake

707 Q: Relative Humidity - At 20 degrees C, a cubic meter of air holds 12 grams of water vapor. If only 6 grams are present, the relative humidity is what percent?

A: 50

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

708 Q: Islam - What is the bible of Islam?

A: Koran

709 Q: Machines - A lever is a bar that pivots on a fixed point called a what?

A: fulcrum

710 Q: Education - What academic degree do most public defenders hold?

A: law degree

711 Q: Springtime Hazards - Frequently producing local flooding, an accumulation of broken river ice blocking a channel is called an ice what?

A: jam

712 Q: Time Measure Etymology - What term for a span of time was derived from Old English words meaning "fourteen nights"?

A: fortnight

713 Q: English Literature - This line is from what book by Daniel Defoe?

I let him know his name should be Friday,  
which was the day I saved his life.

A: Robinson Crusoe

714 Q: Harsh Winters - Name the army that wintered in Valley Forge beginning in 1777.

A: Continental Army

715 Q: Mistaken Myths - These are unfounded conceptions about what kind of storms?

- a greenish sky predicts them
- opening windows will reduce their damage
- overpasses provide adequate shelter from them

A: tornadoes

716 Q: Disasters - Ecological disasters involving what natural resource are associated with the Torrey Canyon, the Amoco Cadiz, and the Exxon Valdez?

A: petroleum (oil)

717 Q: Elements - In the periodic table, all elements are classified either as nonmetals or what?

A: metals

718 Q: Clouds - Dense clouds consisting mainly of sulfur dioxide and sulfuric acid surround what planet?

A: Venus

719 Q: Laws of Motion - According to Newton's first law of motion, what does a bowling ball that is sitting on the ice covering a pond do?

A: It remains there (doesn't move).

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 720 Q: Weathering - What substance is always involved in the weathering process called frost wedging?
- A: water (or ice)
- 721 Q: Revolutions - What revolution involving the transition to new manufacturing methods extended from about 1760 to the start of World War I?
- A: Industrial Revolution
- 722 Q: Drama - In a dramatic presentation, what is the collective term for objects used by the actors onstage such as a wallet, a handkerchief, a map, a cigar, a sword, a book, or a telephone?
- A: props
- 723 Q: Superscripts - What is the name for those superscripts that indicate how many times a number is to be multiplied by itself?
- A: exponents
- 724 Q: Acronyms - The acronym for the National Organization for Women is NOW. The acronym for the Bay Area Rapid Transit is BART. What is the acronym for Strategic Arms Limitation Talks?
- A: SALT
- 725 Q: Pronouns - What two possessive pronouns could be the missing word in this sentence?  
The ship reached ---- home port.
- A: her, its
- 726 Q: Tissues - What is the everyday name for the fibrous tissue that replaces normal skin after an injury?
- A: scar tissue
- 727 Q: Displacement - If you halfway submerge an empty, sealed, one-gallon container in water, what volume of water will be displaced?
- A: 1/2 gallon
- 728 Q: Trees - What tree commonly raised in the Mediterranean region is a major source of oil?
- A: olive tree
- 729 Q: Wildlife - Before 1800, some 60 million of them lived in North America, but by 1900, perhaps as few as 300 remained. Today, there as some 360,000 of them on public and private land. Name these bovine mammals.
- A: bison (buffalo)
- 730 Q: Gears - What is the gear ratio if the diameter of driven gear is five times that of the driver gear?
- A: 5 to 1
- 731 Q: Science History - According to Thomas Edison, what is one percent inspiration and ninety-nine percent perspiration?
- A: genius

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

732 Q: Arithmetic Operations - The set of integers is closed under what three arithmetic operations?

A: addition, subtraction, multiplication

733 Q: A Big Feed - You are planning dinner for 26 professional wrestlers. Allowing  $\frac{3}{4}$  pound of meat loaf per wrestler, how large a meat loaf will you need?

A: 19.5 pounds

734 Q: Mystery Novels - In what novel is the clue "FRUITED PURPLE WAVES FOR SEA" given to Grace Wexler and James Hoo?

A: The Westing Game

735 Q: Mathematical Palindromes - What is the last word in this palindrome?  
I prefer ...

A: pi

736 Q: Political Subdivisions - These are among the counties in what state?

Baylor, Fannin, Travis, Comanche, Bowie,  
Crockett, Brazos, Goliad, San Jacinto

A: Texas

737 Q: Planes - How many non-collinear points are needed to determine a plane?

A: 3

738 Q: Novels - In what novel about a voyage from Liverpool, England, to Providence, Rhode Island, does thirteen-year-old Charlotte end up being named as a ship's captain after the Captain Jaggery fell into the briny deep while attempting to kill her?

A: The True Confessions of Charlotte Doyle

739 Q: Birds - What structure on the feet of geese and ducks is lacking on rails and coots?

A: webs

740 Q: Medical Tests - Arteriography is a method of examining the interior of what?

A: arteries

741 Q: Regolith Relocation - What is the term for the removal, transport, and deposition of parts of the surface of the land, by mechanical forces such as water and wind?

A: erosion

742 Q: Tremors - Ground tremors after a major earthquake that are caused by the repositioning of rock beneath the surface are called what?

A: aftershocks

743 Q: Foils - What character in "The Wind in the Willows" is the foil to Mr. Toad?

A: Mr. Badger

**Academic Hallmarks 2022**

**New Mexico High School Middle School Practice 2022-23 1000 Set**

744 Q: Capes - In what state are Cape Coral and Cape Canaveral located?

A: Florida

745 Q: Wordplay - The word "ushers" is the only English word that contains what five personal pronouns in succession?

A: us, she, he, her, hers

746 Q: Vocabulary - What is the term for the inability to read or write one's native language?

A: illiteracy

747 Q: German Language - Translate the German phrase, "guten Tag."

A: good day

748 Q: The Declaration - What phrase early in the first line of the Declaration of Independence means to "break away," "split off from," or "tear away from"?

A: dissolve the political bands

749 Q: Compasses - The compass direction of 225 degrees is halfway between what two cardinal directions?

A: south and west

750 Q: Speed Measurement - To the nearest second, how long does it take a soap box car to travel 650 feet at 18.5 feet per second?

A: 35 seconds

751 Q: Songs - These are famous songs from what country?

Santa Lucia  
O Sole Mio  
Funiculi, Funicula

A: Italy

752 Q: Consecutive Integers - What three consecutive integers add up to 204?

A: 67, 68, 69

753 Q: Wildlife - About 70% of the world's marsupials are found on the island of New Guinea and in what country?

A: Australia

754 Q: Metals - What metal comprises about 5.6% of the Earth's crust and almost all of the Earth's core?

A: iron

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

755 Q: Earnings Problems - The amount of money a gandy dancer earns varies directly as the number of hours he works. If he earns \$400 by working 25 hours, how much would he earn by working 18 hours?

A: \$288

756 Q: Triangle Area - What is the area of a triangle with a base of 20 centimeters and a height of 9 centimeters?

A: 90 square centimeters

757 Q: Fields of Science - What scientific field is particularly concerned with studying the material remains left by humans?

A: archaeology

758 Q: Hairy Electricity - When you comb your hair, the comb becomes negatively charged because what has been transferred to it?

A: electrons

759 Q: Volcanoes on Moons - Because it has been active during every observation of it since first being seen by Voyager 1 in 1979, the Prometheus volcano on Io has been given what nickname reminiscent of a certain geyser in Yellowstone National Park?

A: Old Faithful

760 Q: Anagrams - "Tubed" is an anagram for what term indicating a first public appearance?

A: debut

761 Q: Open-Ended Stories - What story by Frank Stockton ends with this?  
So I leave it all with you. Which came out of  
the opened door?

A: The Lady or the Tiger

762 Q: Bays - The Bay of Biscay is an arm of what ocean?

A: Atlantic Ocean

763 Q: Superstitions - What are all of these things supposed to bring you?  
a cricket in your house  
a lock of hair from a baby's first haircut  
a buckeye in your pocket  
clothes worn inside out  
goldfish in your pond  
wearing new clothes on Easter  
a rabbit's foot

A: good luck

764 Q: Mutations - What is the term for an organism affected by a mutation?

A: mutant

765 Q: Say What? - What disorder involves inflammation of the larynx?

A: laryngitis

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 766 Q: Novels - "Caddie Woodlawn" is a novel about pioneer life in the 1860s in what north-central U.S. state?
- A: Wisconsin
- 767 Q: Rock - An aquiclude is a rock formation that may store but cannot transmit what in significant amounts?
- A: water
- 768 Q: Plant Resources - China has long used what natural botanical resource for construction, furniture, crafts, musical instruments, and paper?
- A: bamboo
- 769 Q: International Competition - The Olympic Games were held in London in 1948. Why had they been cancelled in 1940 and 1944?
- A: World War II
- 770 Q: Stuff that Binds - What is the general name for substances such as paste, mucilage, cement, and glue?
- A: adhesives
- 771 Q: Experiments - In an attempt to grow longer string beans, a botanist tried using several different fertilizers, concentrations of different gases, and various background music such as "It's a Long Way to Tipperary," "Long Black Veil," "Long Time Gone," and "Long, Long Way from Home." What is the dependent variable in all these tests?
- A: length of beans
- 772 Q: Quadrilaterals - How many right angles are in a rhombus?
- A: none
- 773 Q: Invertebrates - Arthropod bodies are usually segmented and covered by an exoskeleton made up of separate plates. What flexible structures between the plates allow the animal to move?
- A: joints
- 774 Q: Historic Speeches - In a famous speech given by Martin Luther King in 1963, he repeatedly said that he had what?
- A: a dream
- 775 Q: Visitor Calculation - The spectacular Great Auk Museum opened on Monday. On Friday, the number of visitors was 2000. If attendance doubled every day, what was the attendance on opening day?
- A: 125

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

776 Q: U.S. Rivers - The mouths of these rivers are in what body of water?

Sabine  
Trinity  
Nueces  
Brazos

A: Gulf of Mexico

777 Q: Explorers - What was the nationality of Amerigo Vespucci?

A: Italian

778 Q: Mechanics - Because their shapes resemble the shapes of the simple machines, some letters of the alphabet can be mnemonic devices to help you remember the names of machines. For example, there is N for inclined plane and O for wheel and axle. For what simple machine could V stand?

A: wedge

779 Q: Energy - Name the most abundant fossil fuel in the U.S.

A: coal

780 Q: Elections - What American national legislative body has one-third of its members up for election every two years?

A: Senate

781 Q: High Tech Trash - What term formerly associated with a brand of canned meat has come to indicate unsolicited email?

A: spam

782 Q: Inequalities - If  $q + 3 < 7$ , then  $q$  is less than what?

A: 4

783 Q: English English - In England, what are subways called?

A: tubes

784 Q: Fishy Problems - In a certain pond, 40% of all the fish are 8 inches or less. The number of the remaining fish is 120. How many fish are 8 inches or less?

A: 80

785 Q: Jovian Planets - Name the two largest gas giants in the solar system.

A: Jupiter, Saturn

786 Q: Drainages - Name the two westernmost states that partially drain into the Colorado River.

A: Nevada, California

787 Q: First Aid - The three Bs indicate the order in which first aid treatment ought to be given to an accident victim. If bones is third and bleeding is second, what is first on this list?

A: breathing



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

788 Q: Presidential Appointments - George Washington appointed Alexander Hamilton as the first secretary of what?

A: secretary of the treasury

789 Q: British Government - In Great Britain, what representative assembly limits the governmental power of the monarch?

A: Parliament

790 Q: Long-time Leaders - This is about what contemporary national leader?

His beard, cigars, and frequent wearing of combat uniforms have given him a distinctive appearance among heads of governments.

A: Fidel Castro

791 Q: Camping - You are camping in an arroyo in the foothills of the Superstition Mountains and notice enormous black clouds forming. You could be in danger from what kind of flood?

A: flash flood

792 Q: South America - Name either of the two South American countries that extend farthest north.

A: Colombia, Venezuela

793 Q: Signers - The first governor of the state of Massachusetts elected in 1880 is also remembered as the first person to sign what document in 1776?

A: Declaration of Independence

794 Q: The Weapons of War - At the outset of the war, the American army had fifty-five planes. By war's end, there were nearly 17,000 planes in service. What war was this?

A: World War I

795 Q: Territorial Occupation - In the early 1840s, Oregon Country was jointly occupied by what two countries?

A: U.S., Great Britain

796 Q: Physiology History - In 1667, the English chemist Robert Hooke showed that blood alteration in what organ is the essential feature of respiration?

A: lung

797 Q: Exploiting India - In 1600, the British East India Company was formed to unite the English traders doing business in southeastern Asia. The Netherlands followed England in 1602 and set up what other company?

A: Dutch East India Company

798 Q: Sports Jargon - These words and phrases are related to what sport?

audible, scramble, shotgun, sack,  
red zone, pick six, bootleg

A: football

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

799 Q: Folksongs - These words are from a folksong about what valley?  
Come and sit by my side if you love me,  
Do not hasten to bid me adieu

A: Red River Valley

800 Q: Physical Properties - Using a spring scale, an astronaut who weighs 180 pounds on Earth weighs only 30 pounds on the Moon. But, using a balance scale, that same astronaut who balances a 82-kilogram weight on Earth also balances that weight on the Moon. This is because what physical property remains the same at both locations?

A: mass

801 Q: Nonfiction - These titles are about what seafaring people?  
What Life Was Like when Longships Sailed  
Explorers of the Americas Before Columbus  
The Age of Leif Ericson

A: Vikings (Norsemen)

802 Q: Unusual Creatures - What South American arboreal mammals have very low metabolic rates, relatively low body temperatures, thick brown fur tinged in green, and generally move at less than one foot per minute?

A: sloths

803 Q: Ornithological Poems - This poem is about what American bird?  
We flew in flocks of billions, in waves we  
darkened skies,  
A thunderous tornado sweeping the continent  
on our wings riding the winds.  
Now, our slate-blue backs and pale-red breasts  
are gone, forever,  
An American symbol of plenty, yet also of  
humanity's greed.

A: passenger pigeon

804 Q: Engines - What kind of engine generally includes a rotary air compressor powered by a turbine that produces thrust through a nozzle?

A: jet engine

805 Q: Numbers - What is the absolute value of  $-1/16$ ?

A:  $1/16$

806 Q: Nutrition - If you completely avoid any vitamin C in your diet for the next few months, you could share what disease that afflicted great numbers of the 15th-century sailors?

A: scurvy

807 Q: Spanish - El perro is to dog as la vaca is to what?

A: cow

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

808 Q: Rectangles - For a 10 by 20 foot floor, how many whole tiles measuring 3 feet by 5 feet could fit within this area?

A: 12

809 Q: Planets - Name the two largest rocky planets.

A: Earth, Venus

810 Q: Congressional Constituency - The constituency of what official elected to Congress consists of all the citizens who reside within his or her state?

A: senator

811 Q: Petrology - Rainbow Natural Bridge in Utah, the largest in the world, is composed of what kind of rock?

A: sandstone

812 Q: Percent - 108 is what percent of 90?

A: 120%

813 Q: Diphthongs - What two letters comprise the diphthong in the word for the sound of a cat makes?

A: ow (from meow)

814 Q: Capitals - Lisbon is to Portugal as Stockholm is to what country?

A: Sweden

815 Q: Planets - The temperature range on the surface of what planet is the most extreme in the solar system?

A: Mercury

816 Q: Figurative Language - What figure of speech is masterfully used in this excerpt from a poem about thriftiness?

The thrifty that teacheth the thriving  
to thrive,  
Teach timely to traverse, the thing that  
thou 'trive,  
Transferring thy toiling, to timeliness taught,  
This teacheth thee temp'rance, to temper  
thy thought.

A: alliteration

817 Q: Rivers - What is the world's most extensive river basin?

A: Amazon

818 Q: Musical Terminology - Adagio, allegro, andante, and accelerando are terms describing the speed at which music is to be played. What is the musical term for speed?

A: tempo

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 819 Q: Novel Quotations - This is from an American novel that is mostly set in what camp in Texas?  
A lot of people don't believe in curses. A lot of people don't believe in yellow-spotted lizards either, but if one bites you, it doesn't make any difference whether you believe in it or not.
- A: Camp Green Lake
- 820 Q: Astronomy - Astronomically speaking, name the world's best-known "dirty snowball."
- A: Halley's Comet
- 821 Q: Bad Days - Franklin Roosevelt's "day of infamy" occurred in what month?
- A: December
- 822 Q: Pronouns - Objective personal pronouns include me, you, him, her, it, us, and what other?
- A: them
- 823 Q: Sayings - Complete this quote by Seneca.  
One hand washeth the ...
- A: other
- 824 Q: Scientific Laws - According to Newton's third law of motion, what is a rope doing while you are pulling on it?
- A: It is pulling back.
- 825 Q: Transportation Tales - Santa's sleigh and a witch's broom are similar in function to what mythical conveyance in Arabic mythology?
- A: magic carpet
- 826 Q: Refuges - Machu Picchu was one of the last places of defense against invaders from what country?
- A: Spain
- 827 Q: Plot Parts - Name the moment of greatest danger for the protagonist in a fictional work.
- A: climax
- 828 Q: Polygon Perimeters - What is the length of each side of a pentagon whose perimeter is 41.5 centimeters?
- A: 8.3 centimeters

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

829 Q: Homelands - What European country was the homeland of these people?

Louis Braille  
John Calvin  
Claude Monet  
Paul Gauguin  
Claude Debussy  
Louis Pasteur  
Joan of Arc

A: France

830 Q: Lakes - Since Lake Karba is behind the Karba Dam on the Zambezi River, Lake Volta is behind the Akosombo Dam on the Volta River, and Lake Mead is behind Hoover Dam on the Colorado River, these are called what kind of lakes?

A: reservoirs

831 Q: Bird Poems - This verse is from a poem about a bird of what country?

Digging in the soil in search  
Of worms and grubs  
A tasty platter of pure delight  
For any little kiwi  
Beneath the southern skies.

A: New Zealand

832 Q: Herbivore Groups - Krill, sea urchins, parrotfish, and flamingoes may be classified as algivores because what makes up a great part of their diets?

A: algae

833 Q: Machines - What is the general name for a machine designed to convert energy into mechanical motion?

A: engine (motor)

834 Q: Meteorology - What does virga consist of?

A: water (rain, ice)

835 Q: Physical Science - What is the general name for low-conducting materials used to prevent heat transfer?

A: insulation

836 Q: Scientific Fields - Geology and meteorology are two of the four fields in the earth sciences. Name the others.

A: astronomy, oceanography

837 Q: Musical Notation - What is the amount of music contained between two bars?

A: measure

838 Q: Gases - What happens to the temperature when a gas is compressed?

A: higher (warmer, raised)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 839 Q: Ireland - Ireland is divided between the Republic of Ireland which encompasses about five sixths of the island and Northern Ireland which is part of what other country?
- A: United Kingdom (Great Britain)
- 840 Q: Grammatical Constructions - Through inversion, change the following interrogative sentence into a declarative one.  
Are you dreaming?
- A: You are dreaming.
- 841 Q: Cubes - There are nine square inches on each face of a cube. What is the volume of this solid?
- A: 27 cubic inches
- 842 Q: Military Maneuvers - In what battle maneuver does a force advance towards its enemy at its best speed in order to engage in close combat?
- A: charge
- 843 Q: Borrowed Words - These words came into English from what European language?  
imbroglio, belladonna, minestrone, salvo, Mafia
- A: Italian
- 844 Q: Insects - In social insects, what is the term for the fertile female whose function is to lay eggs?
- A: queen
- 845 Q: Energy - The movement of what subatomic particles is the basis for electrical energy?
- A: electrons
- 846 Q: Olympics - If the eighth modern Olympiad occurred in 1924, in what year was the first modern Olympiad?
- A: 1896
- 847 Q: Animals - Roughly eighty percent of all the Earth's animals have how many legs?
- A: 6
- 848 Q: Art Materials - Stencil, rice, transfer, parchment, tracing, and onion skin are types of what?
- A: paper
- 849 Q: U.S. Territories - In 1867, what territory became known to some as Andrew Johnson's Polar Bear Garden?
- A: Alaska
- 850 Q: Pottery - What substance affixed to pottery in a kiln renders the surface impervious to water?
- A: glaze
- 851 Q: Silhouettes - As the distance from an object to its shadow increases, what happens to the size of a projected silhouette?
- A: It becomes larger.

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

852 Q: Deadly Dramas - "Our American Cousin" was the last play ever seen by what U.S. president?

A: Abraham Lincoln

853 Q: Atolls - Most atolls are in the Pacific and what other ocean?

A: Indian Ocean

854 Q: Tense - What tense is illustrated in this sentence?

Sarah sulked sadly on Saturday in the silver sailboat named Sally's Sloop.

A: past tense

855 Q: Ratios - Simplify this ratio.

80 cents to \$3.20

A: 1 to 4

856 Q: Bird Evolution - The wings of penguins have evolved into flat limbs called what?

A: flippers

857 Q: Inverses - What is the multiplicative inverse of 9?

A:  $1/9$

858 Q: Classical Music - What term for a classical musical composition is hidden in the word "octopus"?

A: opus

859 Q: Sentence Order - Express this sentence in inverted order.

A little learning is a dangerous thing.

A: A dangerous thing is a little learning.

860 Q: Linear Equations - What is the number if 4 more than half the number equals 29?

A: 50

861 Q: Sentence Parts - What is the last prepositional phrase in this?

There are more living organisms on the skin of a single human than there are human beings on the surface of the Earth.

A: of the Earth

862 Q: Sports Venues - A modern open-air sports stadium is most similar to what ancient Roman structure?

A: amphitheater (coliseum, arena)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

863 Q: Regional Poetry - These are verses from a poem about a man in what country?

Old Bluey was a swaggie who  
had traveled on the road,  
with his worldly goods all bundled.  
He had no fixed abode.  
Possessions swung across his back  
secure in calico,  
a waterproof sheet and blanket  
in his swag were set to go.

A: Australia

864 Q: World Nations - Name the largest country of the Arabian peninsula.

A: Saudi Arabia

865 Q: Oceania Islands - What Pacific island, well-known for its hundreds of carved stone statues, was named in 1722 by the Dutch explorer who discovered it on Easter Day?

A: Easter Island

866 Q: Percentage - If 40 is 30% of a number, what is the number?

A:  $133 \frac{1}{3}$  or  $400/3$

867 Q: British Legislation - In 1867, the British North America Act united the provinces of Nova Scotia, New Brunswick, Ontario, and Quebec as the Dominion of what?

A: Canada

868 Q: Congress - Which branch of the U.S. Congress does not have the power to originate appropriation bills or bills authorizing the expenditure of federal funds?

A: Senate

869 Q: Ships - In what enterprise were these sailing ships involved?

Charles W. Morgan  
Kate Cory  
Two Brothers  
Nantucket  
Harpooner

A: whaling

870 Q: Math Roots - Eight is the cube root of what number?

A: 512

871 Q: True Fiction - "The Boy Who Dared" is a fictionalized account of Helmuth Hubener, a young man sentenced to death for opposing the government run by what political party?

A: Nazi

872 Q: Islands - What island is bordered by the Davis Strait, the Atlantic Ocean, Baffin Bay, the Denmark Strait, and the Arctic Ocean?

A: Greenland



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

873 Q: Dance - These directions relate to what kind of dance?

back by the left, ladies grand chain,  
star by the right, allemande left,  
down the center and back, do-si-do

A: square dancing

874 Q: Nouns - Words such as shovel, sheep, and shale are concrete nouns. What kind of nouns are words such as duty, democracy, and dread?

A: abstract nouns

875 Q: Homographs - What is the last word below, given that it is a homograph for another word in the sentence?

She wound the bandage around his horrible ----

A: wound

876 Q: Ships - What ship was speeding along in 1912 from England to New York with more than 2,200 people aboard when it sideswiped an iceberg and sank within a few hours?

A: Titanic

877 Q: Phrases - The prepositional phrase in this line functions as what part of speech?

The deer in my neighborhood always enjoy rose  
and dahlia hors d'oeuvres.

A: adjective

878 Q: Earth's Spheres - The hydrosphere includes all of Earth's liquid water, frozen water, floating ice, and the water vapor in which of the planet's spheres?

A: atmosphere

879 Q: Dialogue - Dialogue occurs when two or more characters exchange words. What is the term when only a single character is talking for an extended period?

A: monologue

880 Q: Grammatical Errors - Contractions may be confused with what type of pronouns?

A: possessive pronouns

881 Q: Work Problems - If eight roustabouts can set up a well head in six hours, how many would it take to do the same job in two hours?

A: 24

882 Q: Ecological Warfare - Retreating Iraqi troops ignited some 650 oil-well fires in what small Mideastern country in 1991?

A: Kuwait

883 Q: Churchill's Words - In his famous World War II speech in which Winston Churchill said, "We shall never surrender," name any place where he said the British people would fight.

A: beaches, streets, fields, hills, landing grounds

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

884 Q: Deltas - The delta of what North American river contains about 40 percent of all coastal wetlands in the lower 48 states?

A: Mississippi River

885 Q: Horses - The walk, trot, canter, and gallop are varieties of the rhythmic movement of a horse's feet and legs called its what?

A: gait

886 Q: Money Problems - You have twelve nickels and some dimes, which gives you exactly enough money to buy two bobble-head auks for 95 cents each. How many dimes do you have?

A: 13

887 Q: Latitude - Lines of latitude begin at zero degrees and increase to a maximum of how many degrees?

A: 90

888 Q: Handling Substances - Name the process by which the particles of a gas can be squeezed into a smaller space.

A: compression

889 Q: Metric Areas - The George Washington Carver Museum in Missouri is a perfect square with a perimeter of 4000 meters, giving it an area of how many square meters?

A: 1 million

890 Q: Continents - A relatively shallow area surrounding a continent is called a continental what?

A: shelf

891 Q: Monomial Operations - What is the sum of the following?

$3xy$   
 $-2xy$   
 $5xy$   
 $xy$

A:  $7xy$

892 Q: Islands - Which Hawaiian island is almost twice as large as all the others put together?

A: Hawaii

893 Q: Islands - Cuba has a total area of about 44,000 square miles. What Danish island is about nineteen times larger?

A: Greenland

894 Q: Separation of Powers - Which branch of government determines if laws have been broken and determines punishment for offenders?

A: judicial branch

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

895 Q: European Geography - Today, about 27% of what northern European country is actually below sea level?

A: Netherlands

896 Q: State Capitals - The capital of what state was originally at Portland but later moved to Augusta?

A: Maine

897 Q: Presidents - Who became president as a direct result of the Watergate scandal?

A: Gerald Ford

898 Q: Velocity Problems - What is the speed of a bullet that travels 528 meters in 4 seconds?

A: 132 meters per second

899 Q: Newtonian Physics - When your car accelerates, you are pressed backwards and, if the car slows down suddenly, you are thrown forward. This is explained by what concept associated with Newton's first law?

A: inertia

900 Q: Pronouns - What is the second person possessive pronoun?

A: your

901 Q: The Electoral College - Of the U.S. states adjacent to the Gulf of Mexico, which two have the largest number of votes in the Electoral College?

A: Florida, Texas

902 Q: Measurement Ratios - Express this continued ratio in lowest terms.  
4 pints to 4 quarts to 4 gallons

A: 1 to 2 to 8

903 Q: Surgical Instruments - Obsidian flakes have been used as what thin, sharp, surgical blades?

A: scalpels

904 Q: Hinky Pinkies - What is a hink pink for a slightly wet hobo?

A: damp tramp

905 Q: Novels - This is from what novel?  
What I saw was more than I could stand. The  
noise I heard had been made by Little Ann.  
All her life she had slept by Old Dan's side.  
And although he was dead, she had left the  
doghouse, had come back to the porch, and  
snuggled up by his side.

A: Where the Red Fern Grows

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

906 Q: Ocean Zones - In oceans, what is there plenty of in the photic zone that is insufficient in the aphotic zone?

A: sunlight (light)

907 Q: Shipboard Health Measures - Captain Cook gave his sailors pickled cabbage and a type of orange marmalade to keep them from being afflicted with what disease?

A: scurvy

908 Q: Historical Perspectives - To what country was Michel Crevecoeur referring when he said this in 1782?

Here individuals of all nations are melted into a new race of men.

A: United States

909 Q: Chemicals in the Kitchen - Sodium nitrite, sulfur dioxide, ascorbic acid, and potassium nitrate are among the compounds added to prevent microbial growth or undesirable chemical changes in foods. How are these additives collectively known?

A: preservatives

910 Q: Navigational Instruments - The astrolabe allowed sailors to determine the relative height of stars and planets. Using this information, they could calculate a ship's distance north or south of the equator, or what geographers call what?

A: latitude

911 Q: Bays - These are located in what U.S. state?

Espirtu Santo Bay  
Nueces Bay  
Matagorda Bay  
Corpus Christi Bay  
Galveston Bay

A: Texas

912 Q: Voice Chemistry - Inhaling what light gas causes a person's voice to sound much higher?

A: helium

913 Q: Political Gaffes - What number should have been used when a former president said this about Supreme Court justices?

And they are charged with the vital task of applying principles put to paper more than 20 centuries ago to some of the most difficult questions of our time.

A: 2

914 Q: Seas - In what ocean is the Sargasso Sea?

A: Atlantic (North Atlantic)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

915 Q: Running Math - If you can run 1 mile in 8 minutes, how many seconds does it take for you to cover 1/10th of a mile?

A: 48

916 Q: Rivers - In what state are all these rivers found?  
Trinity, Brazos, Guadalupe, Nueces, Pecos

A: Texas

917 Q: Reptilian Behavior - What is the term for what a reptile is doing when it lays in a warm area to raise its body temperature?

A: basking (thermoregulating)

918 Q: Lush Parks - What American national park is a vast complex of subtropical wetlands and coastal-marine ecosystems featuring fresh and saltwater marshes, hardwood hummocks, pine rocklands, and mangrove forests?

A: Everglades National Park

919 Q: Art Forms - What kind of art may include pieces of photographs, magazine and newspaper clippings, paintings, currencies, advertisements, colored papers, and found objects glued to a canvas?

A: collage

920 Q: Animal Idioms - What animal is missing in these idioms?  
---- business  
---- around  
a ---- on one's back  
---- see, ---- do

A: monkey

921 Q: Fantasies - Who wrote this?  
Frodo was now safe in the Last Homely House east of the Sea. That house was, as Bilbo had long ago reported, "a perfect house, whether you like food or sleep, or story-telling or singing, or just sitting and thinking best, or a pleasant mixture of them all."

A: J.R.R. Tolkien

922 Q: Percentage - The Farm Store has reduced the price of a harrow by 15%. If the sale price is \$1275, what was the original price?

A: \$1500

923 Q: Grains - What cereal grass is the staple food for about half the people on Earth?

A: rice

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

924 Q: Advertisement - These are actual examples of what kind of ads?

- American Flag: 60 stars and pole included.
- Electric self-cleaning oven/stove. Needs good cleaning.
- Circus going out of business. Small elephant free to good home.
- Jack Russell terrorist puppies for sale.

A: classified ads

925 Q: Tornadoes - Although a precise location cannot be defined, the region of the U.S. called Tornado Alley is definitely between what two American mountain ranges?

A: Rockies, Appalachians

926 Q: Revolts - California's Black Bear Revolt began in 1846 when settlers in the Sacramento Valley proclaimed a republic independent of what country?

A: Mexico

927 Q: Country Compliments - This quote is about what country?

Driven from every other corner of the earth,  
freedom of thought and the right of private  
judgment in matters of conscience direct  
their course to this happy country as their  
last asylum.

A: America

928 Q: Participles - What is the present participle of "giggle"?

A: giggling

929 Q: Force - In a tug-of-war, name the kind of force exerted on the rope by the two teams?

A: tension

930 Q: Integers - Determine three consecutive even integers whose sum is 84.

A: 26, 28, 30

931 Q: Resistance - What term indicating a secret organization dedicated to the overthrow of a government also means "beneath the surface of the earth"?

A: underground

932 Q: Murder - The murder of a public figure is called what?

A: assassination

933 Q: Empires - What pre-Columbian civilization arose in the Peruvian highlands with its administrative and political center in Cuzco?

A: Inca

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

934 Q: Fantasy Schools - On what island created by Ursula Le Guin is there a school in which these teachers are found?

Master Windkey, who teaches weather control  
Master Hand, who teaches illusions  
Master Herbal, who teaches healing  
Master Changer, who teaches transformation

A: Roke

935 Q: Factoring - What is the prime factorization of 630?

A:  $2 \times 3 \times 3 \times 5 \times 7$

936 Q: Technological Advances - In the same year that Fidel Castro launched a revolution in Cuba, what country launched the world's first artificial satellite?

A: Russia (Soviet Union, U.S.S.R.)

937 Q: Teenage Detectives - Edward Stratemeyer, and later his daughter writing under the pseudonym, Carolyn Keene, created what eternally eighteen-year-old supersleuth who never fails to solve a mystery?

A: Nancy Drew

938 Q: Towns of the Old West - Because Deadwood, South Dakota, Goldfield, Nevada, Tombstone, Arizona, and Cripple Creek, Colorado underwent sudden population and economic growth, they were known as what kind of towns?

A: boomtowns

939 Q: Earth's Spheres - Life on Earth is almost entirely limited to which two "spheres"?

A: lithosphere, hydrosphere

940 Q: Muscular Manipulation - Using tools to hammer, bend, and cut, what kind of craftsman makes wrought iron gates, railings, grills, light fixtures, and sculptures?

A: blacksmith

941 Q: Historic Rivers - What river, famous in the Old West, has the same name as a small, male, Rocky Mountain sheep?

A: Little Bighorn River

942 Q: Animals - A pack animal is also called a beast of what?

A: burden

943 Q: Paleontology - In 2019, researchers announced they had discovered perfectly preserved skeletal remains of tiny animals trapped under 3500 feet of ice on what continent?

A: Antarctica

944 Q: Disasters - The enormous airship that caught fire in 1937 at the Lakehurst Naval Air Station in New Jersey had been built in what country?

A: Germany

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 945 Q: GCFs - What is the greatest common factor of 42 and 30?  
A: 6
- 946 Q: Colonial Restrictions Unheeded - Originally, slavery was expressly forbidden in what colony established by James Oglethorpe?  
A: Georgia
- 947 Q: Anchovy Sales - If the Auk Anchovy Emporium sells anchovies for 20 cents per ounce, what is the cost of 25 pounds of anchovies?  
A: \$80
- 948 Q: Radiation - What is the term for any device that focuses beams of radiation?  
A: lens
- 949 Q: Rivers - What is the only U.S. state bordering the St. Lawrence River after it passes Lake Ontario?  
A: New York
- 950 Q: Acids - What dilute acid is used in Italian salad dressing?  
A: vinegar
- 951 Q: Short Days - The day with the fewest number of daylight hours is called the winter what?  
A: solstice
- 952 Q: Critters - It does not bark but yelps and howls more like a wolf and especially likes to chow down on sheep. Name this creature of Australia.  
A: dingo
- 953 Q: Provinces - The abbreviation "MB" stands for which Canadian province?  
A: Manitoba
- 954 Q: Science Fiction - What story includes three mysterious characters called Mrs. Whatsit, Mrs. Who, and Mrs. Which?  
A: A Wrinkle in Time
- 955 Q: Novels - In what book by Richard Adams is a band of Berkshire rabbits forced from their home in Sandleford Warren?  
A: Watership Down
- 956 Q: Legendary Projects - This Biblical excerpt is about what ancient construction project in Babylon?  
Come, let us build ourselves a tower  
with its top in the heavens, and let us  
make a name for ourselves.  
A: Tower of Babel



## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

957 Q: Lizards - What poisonous lizards of the American Southwest hang on tenaciously when they bite?

A: Gila monsters

958 Q: Proverbial Warnings - According to the proverb, why should you be careful about what you wish for?

A: You might get it.

959 Q: Wartime Munitions - In 1776, King Louis XVI of what country secretly committed one million livres in arms and munitions to the American revolutionaries?

A: France

960 Q: Profit Percentage - A bookstore sold 800 copies of a great book on river running for \$5.00 each. The dealer makes a profit of 40% on each sale. What is his total profit on the sale?

A: \$1,600

961 Q: Explorers - What primary color is included in the name of the Norse navigator who founded the first settlement in Greenland?

A: red

962 Q: Tax - At a supermarket, a guy buys \$200 worth of groceries. At the bottom of the receipt it says, "Tax, \$16." This is what kind of tax?

A: sales tax

963 Q: Weight - At the point that a 140-pound astronaut in a rocket achieves a vertical acceleration of 4 G's, she would be tipping the scales at what weight?

A: 560 pounds

964 Q: Presidents - Who is the only U.S. president to have served more than two terms?

A: Franklin Roosevelt

965 Q: Cliches - Complete the last anatomical cliché in this list.

foot in my mouth  
finger in the pie  
ear to the ground  
nose to the ...

A: grindstone

966 Q: Scotland - Scotland lies between the Atlantic Ocean and what sea?

A: North Sea

967 Q: Archimedes' Principle - If the weight of an object in a fluid is greater than the weight of the fluid it displaces, what will the object do?

A: sink

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

968 Q: Governmental Functions - The broad functions of most governments are the legislative, executive, and what else?

A: judicial

969 Q: Science Plurals - Vertebrae is to vertebra as strata is to what?

A: stratum

970 Q: Poem Accents - In the first line of Poe's "The Raven," on what syllable does the third accent occur?

A: mid

971 Q: Force - The braking of an automobile to a stop depends mainly on what force?

A: friction

972 Q: Last Words - What word completes this epitaph?

I was Carolina born  
and Carolina bred  
and here I lay  
Carolina ...

A: dead

973 Q: Areas - How many square inches are in 2 square yards?

A: 2592

974 Q: Ice - The obstruction of stream flow caused by the accumulation of ice in a channel is called an ice what?

A: jam (or dam)

975 Q: Word Endings - Words belonging to what part of speech have these endings?  
-ate, -en, -ify, -ize

A: verbs

976 Q: Labor - What is the term for the mass refusal of employees of a business or service to work?

A: strike

977 Q: Nutritional Suggestions - Your intake of what element can be dramatically reduced by avoiding potato chips, pretzels, soy sauce, hot dogs, ham, canned soups, and processed cheese?

A: sodium

978 Q: Music - What is the name of the scale on which a musical composition is based?

A: key

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

- 979 Q: Long Days - The day with the greatest number of hours of daylight is called the summer what?
- A: solstice
- 980 Q: Seats of Government - The U.S. has three seats of government in Washington D.C. including the legislative seat in the U.S. Capitol, the executive seat in the White House, and the judicial seat in what building?
- A: U.S. Supreme Court building
- 981 Q: Congressional Action - In 1958, the U.S. Congress passed legislation establishing what civilian agency to coordinate American activities in space?
- A: NASA (National Aeronautics and Space Admin.)
- 982 Q: Monuments - In what city can you see Gustave Eiffel's greatest engineering achievement?
- A: Paris
- 983 Q: Allusions - This is an allusion to what mythical character?  
You look like you're carrying the weight of the world on your shoulders.
- A: Atlas
- 984 Q: Square Root - The square root of 50 lies between what two integers?
- A: 7, 8
- 985 Q: The Water Cycle - In the three-phase model of the water cycle, what phase occurs after precipitation and before condensation?
- A: evaporation
- 986 Q: Sister Statue - The new statue is named "Little Sister" and sat in France for 10 years before transportation to the U.S. in 2021. It sat on Ellis Island in New York Harbor for the 4th of July weekend before being transported to the French Embassy in Washington D.C. It is one-sixteenth of the size of which "Big Sister" for which it is a replica and whom it faced in the New York Harbor?
- A: Statue of Liberty
- 987 Q: Driving Math - If you can peddle your bike 10 feet per second in the Kansas flatlands, how many feet can you travel in 30 minutes?
- A: 18,000
- 988 Q: Presidential Nicknames - What president sometimes called the Sage of Monticello was also known as the Pen of the Revolution?
- A: Thomas Jefferson
- 989 Q: Bogs - What small nonvascular bryophytes mostly form peat deposits?
- A: moss (peat moss)

## Academic Hallmarks 2022

### New Mexico High School Middle School Practice 2022-23 1000 Set

990 Q: Guerrilla Units - On what island was there a guerrilla force called the National Organization of Cypriot Fighters?

A: Cyprus

991 Q: Earthquakes - Name the many smaller earthquakes over several hours or days after a major quake.

A: aftershocks

992 Q: Military Commitments - Who was the last U.S. president to send troops to fight in the Vietnam War?

A: Richard Nixon

993 Q: Archaeology - These sites are nearest to what river?

Temple of Luxor  
Valley of the Kings  
Temple of Karnak

A: Nile

994 Q: Decorative Carving - Name one of the oldest and most durable materials for carving that comes from the tusks and teeth of walruses, sperm whales, narwhals, hippopotamuses, and wild boars.

A: ivory

995 Q: Legends - Robin McKinley's "The Outlaws of Sherwood" is a retelling of whose legend?

A: Robin Hood's

996 Q: Jamestown - The site chosen for Jamestown did offer security but was low and swampy, intolerably hot and humid in the summer, and a terrific habitat for mosquitoes carrying what disease?

A: malaria

997 Q: Science Fiction - What story features the Black Thing, the Happy Medium, and the dark planet Camazotz?

A: A Wrinkle in Time

998 Q: Exponents - In the expression  $x^3$ , what is the exponent?

A: 3

999 Q: Fraction Cancellation -  $X$  times  $Y/X$  equals what?

A:  $Y$

100 Q: Festivals - In what state are these festivals held?

0 Coconut Grove Seafood Festival  
Epcot International Flower Festival  
De Soto Heritage Festival  
Okeechobee Music and Arts Festival  
Downtown Boca Film Festival

A: Florida