MIDDLE SCHOOL
SAMPLE SET

1. Prior to being elected President, for which state did President Franklin D. Roosevelt serve as governor?

    ANSWER: New York

2. (Math):   Find the value of 7 cubed, or 7 to the third power.

    ANSWER: 343

3. Identify the bone found in the leg between the knee and the hips.

    ANSWER: femur

4. Spell the word "accomplishment".

    ANSWER: a-c-c-o-m-p-l-i-s-h-m-e-n-t

5. Who was the first African-American Major League baseball player?

    ANSWER: Jackie Robinson

6. By purpose, how is the following sentence classified?
        "Take out the trash, please."

    ANSWER: imperative

7. What famous geyser might you get to observe if you visit Yellowstone Park?

    ANSWER: Old Faithful

8. Spell the name of the capital city of Kentucky.

    ANSWER: F-r-a-n-k-f-o-r-t

9. In animal coloring and camouflage, what characteristic is usually indicated by bright, vivid colors?

    ANSWER: poisonous/deadly

10. (Math): What is the largest two digit prime number less than 100?

    ANSWER: 97

11. Which six-letter word refers to a Mexican blanket often slipped over the head and worn draped over the shoulder?

ANSWER: poncho

12. According to legend, what was the name of King Arthur's sword?

ANSWER: Excalibur

13. In the world of classic cartoons, whose best buddy is Barney and wife is Wilma?

ANSWER: Fred Flintstone

14. (Math): The number of students in Mrs. White's third grade class is 28. If there are 12 boys, what is the ratio of girls to boys? Be sure to simplify your answer.

ANSWER: 4 to 3(order is specific)

15. Identify the meaning of the three letter Greek prefix "geo".

ANSWER: earth

16. Which order of animals includes mammals that gnaw?

ANSWER: rodents (or Rodentia)

17. Identify the six-letter Latin word for "against" that is often used to describe two competitors in a sports match or opposing sides in a legal case.

ANSWER: versus

18. Name the female, who in 2008, made an unsuccessful bid for the Democratic Presidential nomination.
ANSWER Hillary R. Clinton

19. (Math): Find the Least Common Multiple of 6, 8, and 16.

ANSWER: 48

20. Give the female form of the noun "aviator".

ANSWER: aviatrix

MENTAL MATH

Directions: Correctly perform each calculation. Reduce all fractional answers.

1. 20 times 20	1. 400
2. 625 divided by 25	2. 25
3. 10 to the 4th power	3. 10,000
4. ½ plus 1/3	4. 5/6
5. 2 to the 8th power	5. 256
6. 12 minus 3 3/7	6. 8 4/7
7. 7,250 plus 8,350	7. 15,600
8. 6,000 minus 123	8. 5,877
9. 35 squared	9. 1,225
10. 1 to the 80th power	10. 1

EXTRAS:

1. 75 times 75	1. 5,625
2. 80 times 99	2. 7,920

MOONWALK

Directions: Correctly identify each person, idea, or term related to the moon.

1. Gravitational forces between the earth and the moon   1. tides
    cause this oceanic phenomenon

2. Relatively smooth, large circular plains on the moon   2. mariah

3. Imaginary hairy creature who supposedly can be seen   3. werewolf
    during a full moon

4. First astronaut to walk on the moon   4. Neil Armstrong

5. Roman name for the moon   5. luna

6. Number of times per month the moon orbits earth   6. one

7. Apollo astronaut born in Weatherford, OK   7. Thomas
                                                                    Stafford

8. Term used to describe the phase of the moon as it   8. waxing
    enlarges from crescent to full

9. Color that that completes the phrase "once in a ___moon"   9. blue

10. Name of the Mission that landed the first men on the   10. Apollo 11
     moon

EXTRAS:

1. Two words that complete Neil Armstrong's quote: 1. giant leap
    "That's one small step for man; one _____ _____ for
    mankind."

2. Number of moons that orbit planet Mercury   2. none

WORLD CAPITALS

Directions: Correctly identify the capital of each country.

1. Switzerland	1. Bern
2. France	2. Paris
3. Colombia	3. Bogota
4. Peru	4. Lima
5. Spain	5. Madrid
6. India	6. Delhi
7. South Korea	7. Seoul
8. Argentina	8. Buenos Aires
9. Canada	9. Ottawa
10. Iraq	10. Baghdad

EXTRAS:

1. Thailand	1. Bangkok
2. Portugal	2. Lisbon

21. (Math): A 50 lb. boy is sitting 4 feet from the center of a seesaw. How far from the center will a 40 lb. boy have to sit to achieve balance?

ANSWER: 5 feet

22. Identify the Constitutional amendment that granted freedom to the slaves.

ANSWER: thirteenth

23. What type of drawing by an artist magnifies a person's facial characteristics to produce a comical sketch?

ANSWER: caricature

24. Name the creature said to inhabit the slopes of Mt. Everest that is much like the legendary "Bigfoot" of the United States.

ANSWER: Yeti

25. In the sentence, "Mary let out a loud scream as she dropped from the thirteenth floor in the Tower of Terror.", what is the first object of the preposition encountered?

ANSWER: floor

26. Which element's chemical symbol is Sn?

ANSWER: tin

27. Identify the musical family that includes the xylophone.

ANSWER: percussion instruments

28. In the United States, how long is the term of a U.S. Senator?

ANSWER: six years

29. (Math): A C.D. is on sale for $12.00. If the sale price is 25% off the original cost, what was the original price?

ANSWER: $16.00

30. In Astrid Lindgren's *Pippi Longstalking*, whom does Pippi believe has become king of the cannibals?

ANSWER: her father

31. In computer language, what is the meaning of the acronym ROM?

ANSWER: Read Only Memory

32. Name the 16th century Spanish artist trained by Greek monks who created the *View of Toledo* landscape.

ANSWER: El Greco

33. Spell the scientific name for the windpipe.

ANSWER: t-r-a-c-h-e-a

34. (Math): The sum of two consecutive odd integers is –32. What are the integers?

ANSWER: -15 and –17

35. What name is given to a word or phrase that is spelled the same forward and backward, such as "pop", or "Madam, I'm Adam."

ANSWER: palindrome

36. Into which rock group are sandstone and shale classified?

ANSWER: sedimentary

37. The natural home of an animal is known by what seven-letter noun?

ANSWER: habitat

38. What class of colonial servant could gain his freedom after he worked for an overseer for a fixed period of time without pay?

ANSWER: indentured servant

39. In economics, for what does the acronym GNP stand?

ANSWER: Gross National Product

40. Identify the voice in the sentence, "Karen threw the boomerang perfectly."

ANSWER: active

EXTRAS:

41. Which U.S. President's policy was known as the "New Frontier"?

> ANSWER: John F. Kennedy

42. (Math): Of the numbers 2, 3, 4, 5, 6, and 8, which are divisors of 56?

> ANSWER: 2, 4, 8

43. What type of creatures do "Herpetologists" study?

> ANSWER: snakes(and lizards)

44. Who was known as the "George Washington of South America"?

> ANSWER: Simon Bolivar

45. Between which two planets does the orbit of Ceres occur?

> ANSWER: Jupiter and Mars

MUSICAL TERMS

Directions: I will read the first letter of a term related to music, followed by a definition. You identify the term.

1. s; ordered system of pitches or tones used as the   1. scale
     basis of a composition

2. c; Italian for "tail"; an ending added to a piece   2. coda

3. b; lowest male voice   3. bass

4. b; French word for "stick"; used by a conductor   4. baton

5. t; highest male voice   5. tenor

6. f; adjective meaning to play " very loud"   6. fortissimo

7. i; distance between two pitches   7. interval

8. a; music sung without instrumental accompaniment   8. a capella

9. s; printed music that shows the entire composition   9. score

10. t; musical instrument with the name of a geometric   10. triangle
      figure

EXTRAS:

1. f; last section of a composition   1. finale

2. r; bugle call used to awaken troops in the morning   2. reveille

WELL KNOWN NUMBERS

Directions: Identify the number that is associated with each idea.

1. Number in a "Baker's Dozen"	1. 13
2. Number of piano keys on a standard keyboard	2. 88
3. Number of Cavalrymen in the "Charge of the Light Brigade"	3. 600
4. Number of months that have exactly 30 days	4. 4
5. Number of permanent human teeth	5. 32
6. Number of holes on a golf course	6. 18
7. Number of years in a "score"	7. 20
8. Number of lines in a sonnet	8. 14
9. Number of time zones in the world	9. 24
10. Number of "Great Lakes"	10. 5

EXTRAS:

1. Number of provinces in Canada	1. 10
2. Number of major oceans	2. 4

LITERATURE—POTPOURRI

Directions: Identify each of the following persons, places or ideas associated with literature.

1. Author of *The View from Saturday*   1. E.L. Konigsburg

2. Month that completes the title *Missing_____* by Cynthia Rylant   2. May

3. Name of the 9 year-old female character created by Astrid Lindgren   3. Pippi Longstocking

4. Creature that chases the schoolmaster out of town in "The Legend of Sleepy Hollow"   4. Headless Horseman

5. Author of "The Legend of Sleepy Hollow"   5. Washington Irving

6. Author of *A Year Down Yonder*   6. Richard Peck

7. Word that completes the title *Here Lies the _____* by Richard Peck   7. *Librarian*

8. Author who created "Jabberwocky"   8. Lewis Carroll

9. Word that completes the title *Number the _____* by Lois Lowry   9. *Stars*

10. Name of the monkey that lives with Pippi Longstalking   10. Mr. Nillson

EXTRAS:

1. Word that completes the title *Red Badge of _____* by Stephen Crane   1. *Courage*

2. State from which Mark Twain's Yankee in King Arthur's court comes   2. Connecticut