



## Verbal Skills

1

Banter most nearly means

- A) acclaim.
- B) teasing.
- C) adulation.
- D) labour.

2

Candid most nearly means

- A) sweet.
- B) straightforward.
- C) dectetful.
- D) intricate.

3

Meager most nearly means

- A) dispersed.
- B) shy.
- C) abundance.
- D) understated.

4

Estrange most nearly means

- A) alienate.
- B) unify.
- C) disengagement.
- D) seperate.

5

Strong is to durable as weak is to

- A) fragile.
- B) bleak.
- C) calm.
- D) dependable.

6

Sponge is to wipe as broom is to

- A) soak.
- B) floor.
- C) dirt.
- D) sweep

7

Tyler attended St Matthews Middle School longer than Simon. Simon attended St Matthews Middle School longer than Atticus. Atticus attended St Matthews Middle School long than Tyler. If the first two statements are true, the third is

- A) True
- B) False
- C) Uncertain

8

Jared is older than Keith. Mark is younger than Keith. Jared is older than Mark. If the first two statements are true, the third is

- A) True
- B) False
- C) Uncertain



9

Ash has been a barista longer than Keith. Corazon has been a barista longer than Keith. Corazon has been a barista longer than Ash. If the first two statements are true, the third is

- A) True
- B) False
- C) Uncertain

12

Which word does not belong with the others?

- A) cloud
- B) snow
- C) rain
- D) sprinkle

10

Which word does not belong with the others?

- A) harp
- B) guitar
- C) ukelele
- D) drum

11

Which word does not belong with the others?

- A) truck
- B) plane
- C) train
- D) bus

## Quantitative Reasoning

1

In the sequence: 10000, 2000, 400, 80, 16,..., what number comes next?

- A)  $5/16$
- B)  $16/5$
- C)  $3/5$
- D) 5

2

In the sequence: AZ1, DY4, GX7,..., what comes next?

- A) IW10
- B) JW10
- C) HK3
- D) IY9

3

In the sequence 8, 10, 9, 13, 11, 17, 14,..., what number comes next?

- A) 16, 15
- B) 22, 18
- C) 16, 19
- D) 21, 24

4

Examine A, B, and C. If x and y are both positive integers, which following must be true?

$$A = 7x + 4y$$

$$B = 4(x - y)$$

$$C = 7x + y$$

- A) C and B are equal
- B) C is less than B
- C) A is more than C
- D) C is greater than A

5

Examine A, B, and C. If x and y are both positive integers, which following must be true?

$$A = 22/23$$

$$B = 20.5/30$$

$$C = 2/3$$

- A)  $C > A > B$
- B)  $A > B > C$
- C)  $A > B = C$
- D)  $B = C > A$

6

What number is  $1/3$  of the product of 7 and 6?

- A) 42
- B) 29
- C)  $41 + 2/3$
- D) 14



7

What number is 7 more than 40% of 50?

- A) 27
- B) 57
- C) 77
- D) 97

## Reading Comprehension

Pinnacles National Park, located in the state of California, is one of the newest parks in the National Park Service. Pinnacles was formed some 23 million years ago when multiple volcanoes erupted, and their lava flowed, and slid to form the park's unique landscape. Visitors journey through grasslands, oak woodlands, and canyon bottoms. Hikers enter caves and emerge to towering rock spires teeming with life: prairie and peregrine falcons, golden eagles, and the inspiring California condor.

Pinnacles was redesignated from a National Monument to a National Park in 2013, becoming the 59th National Park. It was originally designated as a monument because of its unique geologic features that are remnant of volcanic activity millions of years ago. However, the abundance of cultural and natural resources in the park, including its many federally protected species, made it a great candidate to be a National Park.

In addition to hiking, rock climbing, and sightseeing, other activities are stargazing, bird watching, and cave exploration. There is certainly something of interest to every visitor, and because of this it is a great addition to our National Park system.

1

The best title for this passage is

- A) Pinnacles-The Newest National Park
- B) The History of the National Park Service
- C) America's National Parks
- D) How to become a National Park

3

The author would agree that

- A) all national parks offer similar attractions to Pinnacles.
- B) everyone should climb at Pinnacles.
- C) Pinnacles is the oldest place on Earth.
- D) Pinnacles would be a good destination for vacation.

2

The author is most likely a

- A) meteorologist.
- B) park ranger.
- C) political strategist.
- D) novelist.

4

The author's tone is

- A) critical.
- B) arrogant.
- C) factual.
- D) somber.



5

What is the main idea of the passage?

- A) An informative introduction to Pinnacles
- B) How volcanoes form mountains
- C) Which animals are protected in the park
- D) How visitors can stay safe in the heat

6

What is the conclusion of this passage?

- A) People should be careful not to litter when visiting Pinnacles.
- B) Pinnacles is of vast cultural importance to native peoples.
- C) Volcanic activity is imminent within the park.
- D) Pinnacles is a great destination and worthy of conservation efforts.

## Mathematics

1

24 is 12% of what number?

- A) 240
- B) 200
- C) 4.8
- D) 2.48

2

The value .125 can be written as what percent?

- A) 125%
- B) 12.5%
- C) 1.25%
- D) .00125%

3

If  $\frac{2}{3}$  of a number is 8, what is  $\frac{1}{2}$  of the same number?

- A) 4
- B) 6
- C) 12
- D) 24

4

How many total inches are in 3 yards, 1 foot, and 7 inches?

- A) 79 in.
- B) 91 in.
- C) 127 in.
- D) 130 in.

5

An newborn that weighs 6 pounds and 8 ounces is equivalent to which of the following?

- A) 56 oz.
- B) 72 oz.
- C) 104 oz.
- D) 216 oz.

6

Which of the following is equal to 1.7 meters?

- A) 17 millimeters
- B) 1.7 millimeters
- C) 0.0017 millimeters
- D) 1,700 millimeters

7

A triangle is made up of sides with lengths that are consecutive odd integers. The perimeter of the triangle is 27 feet. What is the length of the longest side?

- A) 7 feet
- B) 9 feet
- C) 11 feet
- D) 15 feet

8

If crash padding cost \$30 per square yard, what will it cost to buy crash padding for a climbing gym that is 30 feet wide and 15 feet long?

- A) \$450
- B) \$1,275
- C) \$1,500
- D) \$6,750

**9**

If a side of a cube has a perimeter of 24 meters, what is the volume of the cube?

- A) 36 cubic meters
- B) 72 cubic meters
- C) 216 cubic meters
- D) 432 cubic meters

**8**

Keith, Mark, and Jared tutored for 27 hours at the San Mateo Library. Jared tutored 5 times longer than Keith. Keith tutored 3 times as much as Mark. How many hours did Mark tutor?

- A) 3
- B)  $27/5$
- C) 9
- D) 12

**10**

Luke ran for 2 hours at a pace of 10 kilometers per hour, then another 30 minutes at 6 kilometers per hour. How far did Luke run?

- A) 20.5 kilometers
- B) 23 kilometers
- C) 50 kilometers
- D) 200 kilometers

**8**

15 squared is equal to

- A) 30
- B) 150
- C) 225
- D) 425

**9**

Simplify the square root of 196

- A) 12
- B) 13
- C) 14
- D) 15

**10**

Lily purchases used books for \$1.25 each, and after paying with a \$10 dollar bill, she gets \$7.50 back. Which equation represents the exchange?

- A)  $\$1.25 + \$7.50x = \$10$
- B)  $\$10 - \$1.25x = \$7.50$
- C)  $\$10 - \$7.50x = \$1.25$
- D)  $\$10 - \$1.25 + x = \$7.50$

**11**

What is the mean of the data set: 20, 26, 13, 23, 17, 2, 33, 2, 8?

- A) 2
- B) 13
- C) 16
- D) 17



**12**

There are 8 black marbles and 13 blue marbles in a bag. What is the probability that you select a black marble at random?

- A)  $\frac{1}{3}$
- B)  $\frac{8}{13}$
- C)  $\frac{8}{21}$
- D)  $\frac{13}{8}$

**13**

Which of the following have a probability closest to 1?

- A) Flipping a coin and having it land on tails
- B) Not rolling a 4 on a standard dice
- C) Guessing which basketball team will win
- D) Guessing the outcome of a presidential election with 4 candidates

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## Language

1

- A) His family Doctor isn't thorough.
- B) "Please come with me," she said.
- C) I look forward to fall
- D) No mistakes.

2

- A) Cathrine, can we talk please?
- B) A weeks time wll go by slowly.
- C) I hope that my dreams will come true.
- D) No mistakes.

3

- A) Jared are you older than Keith?
- B) The Roman gods are boring.
- C) Because he was a younger cat, he slept a lot.
- D) No mistakes.

4

- A) The ugly, brown, mean, dog is named Jack.
- B) This book's recipe calls for the following:  
flour, sugar, and eggs
- C) Finally, a boot that fits right!
- D) No mistakes.

5

- A) I am not sure weather or not she is coming
- B) He does know how to cook.
- C) She is the greatest of all the samurai
- D) No mistakes.

6

- A) My mother's buisness are very successful
- B) Would you join us?
- C) They're never on time.
- D) No mistakes.

7

- A) He ran quickly around the building.
- B) There are a lot of people at the bus station.
- C) She rode the horse, walked a mile, then  
climbing the mountain.
- D) No mistakes.

**8**

Choose the best word to join the two phrases.

I ate my entire lunch \_\_\_\_\_ it was great.

- A) even though
- B) because
- C) however
- D) None of these

**9**

Which of these sentences expresses the idea most clearly?

- A) The baseball team has a short captain and he not only short but fat too.
- B) The captain of the baseball team is short and fat.
- C) There is a person who is short and fat and he is the captain of the baseball team.
- D) The short captain is fat and is on the baseball team.

**10**

Where should the sentence, "Players spin the wheel and count the stars," be placed in the paragraph below?

(1) Give each player a game piece. (2) Each player places their game piece on the starting space. (3) Players then advance their pieces one spaces for each square on the spinner.

- A) Between sentences (1) and (2).
- B) Between sentences (2) and (3).
- C) After sentences (3)
- D) This sentence does not fit

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