

- 1) Sarah has 8 apples. She buys 5 more apples from the store. How many apples does she have in total?
- A) 11
- B) 12
- C) 13
- D) 14



### Answer: C) 13

- 2) Which of the following numbers is a prime number?
- A) 9
- B) 11
- C) 15
- D) 18

#### Answer: B) 11

- 3) Ray is thinking of a number less than 10 that is a prime number. Which number could it be?
- A) 4
- B) 6
- C) 7
- D) 9

# Answer: C) 7

- 4) If a pencil is 15 centimeters long, how many millimeters long is it?
- A) 15 mm
- B) 150 mm
- C) 1,500 mm
- D) 15,000 mm



# Answer: B) 150 mm

- 5) Jack ran 3 kilometers in a race. How many meters did he run?
- A) 30 meters

A) CubeB) CylinderC) SphereD) Cone

# Horizon Olympiad: MCQs for Category 2 (Grades 5 - 6)

B) 300 meters C) 3,000 meters D) 30,000 meters Answer: C) 3,000 meters 6) In a group of children, some have dogs, some have cats, and some have both. If 6 children have dogs, 4 have cats, and 2 have both, how many children have only dogs? A) 2 B) 4 C) 6 D) 8 Answer: B) 4 7) In a survey, 12 people like apples, 10 like bananas, and 5 like both. How many people like either apples or bananas or both? A) 17 B) 22 C) 27 D) 15 Answer: D) 17 8) What shape has 4 sides of equal length and 4 right angles? A) Rectangle B) Square C) Triangle D) Circle **Answer: B) Square** 9) Which shape has only one curved surface and no edges or vertices?



#### Answer: C) Sphere

- 10) A rectangle has a length of 5 cm and a width of 3 cm. What is its perimeter?
- A) 8 cm
- B) 15 cm
- C) 16 cm
- D) 20 cm

#### Answer: C) 16 cm

- 11) A garden is in the shape of a rectangle that is 10 meters long and 4 meters wide. What is the area of the garden?
- A) 14 m<sup>2</sup>
- B)  $28 \text{ m}^2$
- C) 40 m<sup>2</sup>
- D) 80 m<sup>2</sup>

#### Answer: C) 40 m<sup>2</sup>

- 12) Which unit would you use to measure the weight of an apple?
- A) Kilograms
- B) Grams
- C) Liters
- D) Meters

# Answer: B) Grams

- 13) Which of the following is the largest unit of length?
- A) Millimeter
- B) Centimeter
- C) Meter
- D) Kilometer

# Answer: D) Kilometer

14) Lily baked 24 cookies. She gave 6 to her friend and ate 3 herself. How many cookies does she have left?



- A) 15
- B) 16
- C) 17
- D) 18

#### Answer: A) 15



15) A store sold 15 balloons on Monday, 12 on Tuesday, and 18 on Wednesday. How many balloons did the store sell in total over the three days?

- A) 30
- B) 45
- C) 50
- D) 55

### Answer: B) 45



16) If all apples are fruits and Granny Smith is an apple, what is Granny Smith?

- A) A vegetable
- B) A fruit
- C) A grain
- D) A meat

# Answer: B) A fruit

17) If today is Monday, what day will it be 3 days from now?

- A) Wednesday
- B) Thursday
- C) Friday
- D) Saturday

# Answer: B) Thursday

18) What is the next number in the sequence: 2, 4, 6, 8, \_\_\_?

- A) 9
- B) 10
- C) 11
- D) 12

### Answer: B) 10

- 19) Find the missing number: 5, 10, 15, \_\_, 25
- A) 18
- B) 20
- C) 22
- D) 30

#### Answer: B) 20

- 20) which is longer, 1 meter or 100 centimeters?
- A) 1 meter
- B) 100 centimeters
- C) They are the same
- D) Cannot be determined

#### Answer: C) They are the same

- 21) Emily has 4 bags with 7 marbles in each bag. How many marbles does she have in total?
- A) 11
- B) 24
- C) 28
- D) 30

### Answer: C) 28

- 22) How many centimeters are in 3 meters?
- A) 30
- B) 300
- C) 3,000
- D) 30,000

#### Answer: B) 300

23) Sarah's water bottle holds 750 milliliters. How many liters is this?

A) 0.75
A) 0.75
B) 7.5
C) 75
D) 750
Analysis A) 0.75
Answer: A) 0.75
24) A movie is 125 minutes long. How many hours and minutes is this?
A) 1 hour 25 minutes
B) 2 hours 5 minutes
C) 2 hours 15 minutes
D) 1 hour 15 minutes
Answer: B) 2 hours 5 minutes
25) A store sells notebooks for \$2.50 each. If Jenny has \$10, how many notebooks can
she buy?
A) 5
B) 4
C) 3
D) 2
b) z
A D) 4
Answer: B) 4
26) Tom reads 15 pages of his book every day. If his book has 90 pages, how many days
will it take him to finish?
A) 5
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B) 6
C) 7
D) 8
Answer: B) 6
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27) A bakery makes 240 cookies each morning. If they package them in boxes of 12,
how many boxes do they need?
A) 15
B) 20
Page 6
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- C) 25
- D) 30

#### Answer: B) 20

- 28) If all birds can fly, and a penguin is a bird, which statement must be true?
- A) A penguin can fly
- B) A penguin might not be a bird
- C) Not all birds can fly
- D) Some birds cannot swim

#### Answer: A) A penguin can fly

- 29) If red marbles are worth 2 points and blue marbles are worth 3 points, how many points is a collection of 2 red and 3 blue marbles worth?
- A) 13 points
- B) 12 points
- C) 11 points
- D) 10 points

# Answer: A) 13 points

- 30) If today is Tuesday and it has rained for the past 3 days, when did it start raining?
- A) Friday
- B) Saturday
- C) Sunday
- D) Monday

#### **Answer: C) Sunday**