

Directions: Answer the following question(s).

1 Evaluate.

$$108 \div (9 \times 6)$$

- A. 2
- B. 12
- C. 54
- D. 72

2 What is the value of the expression below?

$$(22 - 5) + (5 \times 6)$$

- A. -3
- B. 47
- C. 132
- D. 172

3 Tyrone ran the 5-kilometer race in 44.5689 minutes. Which of the following is this number rounded to the nearest thousandth?

- A. 44.560
- B. 44.567
- C. 44.568
- D. 44.569

4 Solve.

$$25 \times 10^3$$

- A. 250
- B. 2500
- C. 25,000
- D. 250,000

5 In the number below, the underlined number is how much bigger than the number to its right?

$$4444.\underline{4}$$

- A. $\frac{1}{10}$ times
- B. 4 times
- C. 10 times
- D. 40 times

6 Mr. Wolfe wrote a number on the board in expanded form.

$$(4 \times 1) + (6 \times \frac{1}{10}) + (9 \times \frac{1}{1000})$$

He asked his math students to write the number in standard or word form. Some students and their answers are shown.

- Belen: 4.096
- Kara: four and sixty-nine thousandths
- Liam: 4.609
- Sam: four and six hundred nine thousandths

Which students wrote the number correctly?

- A. Belen and Sam
- B. Kara and Belen
- C. Liam and Sam
- D. Kara and Liam

7 What is the value of the expression below?

$$3 + (7 \times 5 - 6)$$

- A. 32
- B. 50
- C. 8
- D. 9

8 Evaluate the expression.

$$(18 \div 3) \times (21 - 7)$$

- A. 18
- B. 20
- C. 84
- D. 119

Directions: Answer the following question(s).

- 9 Look at this expression.

$$4 \times (49 + 20)$$

Which statement has the same meaning as the expression?

- A. the sum of forty-nine and twenty multiplied by four
- B. four more than the sum of forty-nine and twenty
- C. four more than the product of forty-nine and twenty
- D. the product of four and forty-nine added to twenty

- 10 A book company has 4,300 textbooks to distribute equally among 21 schools. They need to know how many books each school should receive.

Which of the following shows the **BEST** estimate for the number of books to ship to each school?

- A. Less than 100
- B. 100 or more, but less than 200
- C. 200 or more, but less than 300
- D. 300 or more

- 11 Emma wrote the number below.

3871.69

Matt wrote another number in which the value of the digit 6 is 10 times larger than it is in Emma's number. Which number could be Matt's number?

- A. 4376.29
- B. 4369.27
- C. 4327.69
- D. 4379.26

- 12 A factory rents 40 storage units. Each unit holds 1,000 boxes.

How many boxes does the factory have in the storage units?

- A. 4×10^2
- B. 4×10^3
- C. 4×10^4
- D. 4×10^5