

Directions: Answer the following question(s).

- 1 Maddie saved money to buy some new clothes. She saved \$25 each week for 12 weeks. She then bought 2 pair of pants for \$28 and \$33.

Which expression could be used to find the amount of money (m) that Maddie has left after buying her pants?

- A. $(12 + \$25) + (\$28 \times \$33) = m$
 B. $(12 + \$25) - (\$28 \times \$33) = m$
 C. $(12 \times \$25) + (\$28 + \$33) = m$
 D. $(12 \times \$25) - (\$28 + \$33) = m$

- 2 Which number has a value for the digit 1 that is $\frac{1}{10}$ of the value of the digit 1 in the number 4,721,053?

- A. 4,172,305
 B. 4,712,035
 C. 7,420,513
 D. 7,425,103

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

4444.4

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

- 4 The expanded form of a number is shown below.

$$(6 \times 100) + (9 \times 1) + (7 \times .1) + (5 \times .001)$$

Which is the standard form of the number?

- A. 609.705
 B. 609.750
 C. 690.705
 D. 690.075

- 5 Rayna is completing a project on the state of California. The chart shows the populations of some cities.

California City Populations

City	Estimate	Expanded Form
Los Angeles	3,900,000	3.9×10^6
San Diego	1,400,000	1.4×10^3
San Francisco	840,000	8.4×10^4
Redondo Beach	68,000	6.8×10^5

Rayna included 2 forms of the populations, the estimated standard form and the expanded form of her estimated number. Rayna only wrote 1 correct expanded form. For which city did Rayna correctly write the expanded form?

- A. Los Angeles
 B. San Diego
 C. San Francisco
 D. Redondo Beach

- 6 Tracy has a cat that weighs 3.25 kilograms. She wants to figure out the weight measured in grams by multiplying by 10^3 . What is the weight of Tracy's cat in grams?

- A. 0.325 grams
 B. 32.5 grams
 C. 325 grams
 D. 3,250 grams

- 7 Last night it rained forty-three hundredths of an inch. What is this amount of rainfall in standard form?

- A. 4.300
 B. 4.03
 C. 0.43
 D. .043

Directions: Answer the following question(s).

8 In which of the following does the standard form and word form represent the same number?

- A. 305.71; three hundred five and seventy-one hundredths
- B. 350.71; three hundred five and seventy-one hundredths
- C. 305.710; three hundred fifty and seventy-one hundredths
- D. 350.071; three hundred fifty and seventy-one hundredths

9 Evaluate.

$$14 \times (2 + 3)$$

- A. 5
- B. 28
- C. 31
- D. 70

10 What is the value of this expression?

$$\{50 - [2 + (13 - 7) \times 3] + 9\} \times 2$$

- A. 70
- B. 78
- C. 84
- D. 94

11 Round 341.7425 to the nearest THOUSANDTH.

- A. 341.74
- B. 341.742
- C. 341.743
- D. 342

12 Round 26.084 to the nearest tenth.

- A. 26
- B. 26.01
- C. 26.1
- D. 30

13 Compare the numbers 1,725 and 5,712. Which statement is true?

- A. The value of the digit 2 in 1,725 is 10 times greater than the value of the digit 2 in 5,712.
- B. The value of the digit 1 in 1,725 is 10 times greater than the value of the digit 1 in 5,712.
- C. The value of the digit 7 in 1,725 is 10 times greater than the value of the digit 7 in 5,712.
- D. The value of the digit 2 in 5,172 is 10 times greater than the value of the digit 2 in 1,725.

14 Cole wrote the number shown.

375,819

Lindsay used the same digits to write a number in which the value of the digit 7 is $\frac{1}{10}$ of the value of the digit 7 in Cole's number. Which number can be the one Lindsay wrote?

- A. 357,819
- B. 375,918
- C. 581,793
- D. 785,839

15 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

Directions: Answer the following question(s).

- 16 Rosaria filled some cups with different amounts of water, as shown below.

- Red cup: 0.046 liters
- Blue cup: 0.05 liters
- Green cup: 0.20 liters
- Yellow cup: 0.6 liters

Which cup has the least amount of water?

- A. the red cup
- B. the blue cup
- C. the green cup
- D. the yellow cup

- 17 25.861

Which describes the number in word form?

- A. twenty-five and eight six one
- B. twenty-five eight hundred sixty-one
- C. twenty-five eight hundred sixty-one thousand
- D. twenty-five and eight hundred sixty-one thousandths

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Which describes the value of Point m ?

- A. fifty-eight and nine
- B. fifty-nine and nine tenths
- C. fifty-eight and nine tenths
- D. fifty-eight and eight hundredths