

## Cumulative Review

### Chapter 1

Circle the answer.

- Sean has  $s$  dollars, which is \$8 more than Tina has. Which expression gives the amount of money Tina has in dollars?
 

A. $s + 8$	B. $8 - s$
C. $s - 8$	D. $8s$
- Marie bought 8 flower pots for \$5 each and sold 4 for \$7 each. Which expression gives Marie's net expenses?
 

A. $(8 + 5)(4 + 7)$	B. $(8 \cdot 5) - (4 \cdot 7)$
C. $(8 + 4) \cdot (5 + 7)$	D. $(8 - 4)(7 - 5)$
- Evaluate  $a + 9$  for  $a = 11$ .
 

A. 20	B. 2
C. 99	D. 19
- Which statement is true?
 

A. $-2$ is greater than 1	B. $ -7 $ is less than $-6$
C. $-8$ is less than $ -8 $	D. $-5$ is less than $-6$
- Find the sum of  $-5$  and  $-4$ .
 

A. 9	B. 1
C. $-1$	D. $-9$
- Which expression has a value that is different from the value of the other expressions?
 

A. $2 - 8$	B. $-2 + 8$
C. $2 + (-8)$	D. $- 8 - 2 $
- Find  $-12 + (-17)$ .
 

A. 29	B. $-5$
C. 5	D. $-29$
- Find  $-3 - (-15)$ .
 

A. 12	B. $-18$
C. $-12$	D. 18
- Which statement is *not* true?
 

A. $ -9 + 3  = 6$	B. $ -4  <  1 - 6 $
C. $ -4  < 0$	D. $ -7  <  -8 $
- In which quadrant do the coordinates  $(-5, 2)$  lie?
 

A. I	B. II
C. III	D. IV

# Cumulative Review (continued)

## Chapter 1

Write your answer.

11. Write a rule for the pattern and find the next two numbers in the pattern.

3, 6, 5, 10, 9, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_

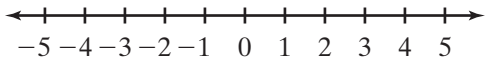
12. There are 12 eggs in a dozen. Write an expression for the number of dozens in  $e$  eggs. \_\_\_\_\_

13. Simplify  $7 \cdot 3 - 4 - (3 + 2) - 1$  \_\_\_\_\_

14. Insert grouping symbols to make the number sentence true.

$$2 \cdot 6 + 5 - 4 \cdot 2 = 14$$

15. Graph  $|-4|$ ,  $-3$ ,  $|-2|$ ,  $0$  and  $-1$  on the number line. Then order the numbers from least to greatest.



\_\_\_\_\_

16. Evaluate  $\frac{h+4}{j}$ , for  $h = 14$  and  $j = 3$ . \_\_\_\_\_

17. Find  $|-8| \cdot (-2)$ . \_\_\_\_\_

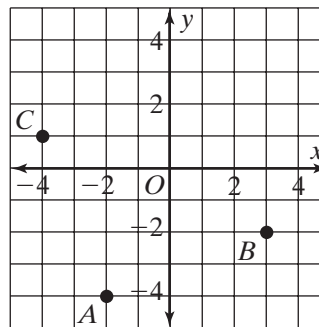
18. Find  $-36 \div 3$ . \_\_\_\_\_

19. Write the coordinates of each point.

A \_\_\_\_\_

B \_\_\_\_\_

C \_\_\_\_\_



20. Explain the difference between a numerical expression and an algebraic expression.

\_\_\_\_\_  
 \_\_\_\_\_  
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