

Cumulative Review

Chapters 1–2

Multiple Choice. Choose the letter of the best answer.

1. Find the next three terms in the number pattern.
0, 3, 7, 12, _____, _____, _____

A. 18, 24, 32	B. 18, 25, 32
C. 17, 23, 30	D. 18, 25, 33
2. Evaluate $4 \times (3 + 7)$.

F. 19	G. 14
H. 43	J. 40
3. Which statement is NOT true?

A. $53.95 > 52.96$	B. $37.10 > 37.07$
C. $10.43 < 10.34$	D. $84.79 < 85.62$
4. Which word phrase best describes the expression $x + y$?

F. a number plus itself	G. twice a number
H. a number more than two	J. a number plus another number
5. Use mental math to solve $k - 4 = 9$.

A. 5	B. 9
C. 13	D. 36
6. In which equation is the value of y the same as in the equation $y \times 19 = 95$?

F. $95 \div y = 5$	G. $y + 5 = 19$
H. $95 \div 19 = y$	J. $95 - 19 = y$
7. Which is the value of $64 - 4 \times (2 + 13)$?

A. 4	B. 34
C. 47	D. 900
8. Use mental math to evaluate $4x - 9$ for $x = 6$.

F. 14	G. 15
H. 33	J. 37

Solve each equation.

9. $x + 4 = 36$

A. 12	B. 22
C. 32	D. 40
10. $b - 5.1 = 13$

F. 7.9	G. 13.51
H. 18.1	J. 26.5
11. Janet paid x for a DVD. She gave the clerk a \$20 bill. She received \$7 in change. Which equation would you use to find the cost of the DVD?

A. $7x = 20$	B. $20 = x + 7$
C. $x - 20 = 7$	D. $x \div 7 = 20$
12. Multiply 110×43 .

F. 4,530	G. 770
H. 4,510	J. 4,730
13. Use mental math to evaluate $(24 + 86) \times 10$.

A. 1,000	B. 1,010
C. 1,100	D. 1,110

Cumulative Review (continued)

Chapters 1–2

14. Which operations will make the two expressions equal?

$$2 + (12 \div 3) = 2 \quad \underline{\hspace{1cm}} \quad 12 \quad \underline{\hspace{1cm}} \quad 3$$

- F. +, +
 - G. -, -
 - H. \div , \times
 - J. +, \div
15. Evaluate $9 \times 9 - 6 \div 6$.

- A. 4.5
- B. 12.5
- C. 45
- D. 80

16. The park is 5 miles from the school. The library is twice as many miles away from the school as the park. How far away is the library from the school?

- F. 2.5 miles
- G. 5 miles
- H. 10 miles
- J. 20 miles

17. Solve $q + 5 = 17$.

- A. 22
- B. 17
- C. 12
- D. 5

18. What would you *do first* if you had to evaluate the expression $5(9 - 4)$?

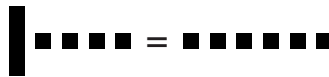
- F. 5×9
- G. 5×4
- H. $(9 - 4)$
- J. $5 \times 9 - 5 \times 4$

19. Use mental math to evaluate $4 \times (5 - 4)$.

- A. 4
- B. 16
- C. 19
- D. 76

Short Answer

20. What equation is modeled below?



21. Use the Distributive Property to write in the missing numbers. Explain how you found your answer.

$$5 \times (\underline{\hspace{1cm}} + 13) = (\underline{\hspace{1cm}} \times 4) + (5 \times \underline{\hspace{1cm}})$$

