

CHAPTER

2

Quiz

Lessons 2-1 to 2-4

Choose the best answer.

1. Solve $5 + h = -6$.

A -11	C 1
B -1	D 11
2. Solve $-\frac{7}{8} = m - \frac{3}{8}$.

A $-\frac{5}{4}$	
B $-\frac{1}{2}$	
C $\frac{1}{2}$	
D $\frac{5}{4}$	
3. Solve $-12 = \frac{w}{-4}$.

A -48	C 3
B -3	D 48
4. Solve $-3y = -12$.

A -15	C 4
B -9	D 36
5. Solve $-\frac{4}{5}x = -2$.

A $-\frac{5}{2}$	
B $-\frac{8}{5}$	
C $\frac{8}{5}$	
D $\frac{5}{2}$	
6. Solve $0.4x - 0.2 = 1$.

A 0.2	C 2
B 0.3	D 3
7. Solve $\frac{1}{2}n - \frac{3}{4} = 4$.

A -16	C 7
B $\frac{7}{2}$	D $\frac{19}{2}$
8. A bike rental company charges a \$4.00 rental fee plus \$2.00 per hour. Selena paid \$12.00 to rent a bike. How long did Selena rent the bike for?

A 2 h	C 6 h
B 4 h	D 8 h
9. Solve $\frac{8d - 40}{7} = -8$.

A -42	C -2
B -12	D 28
10. Solve $4(x + 7) - 5x + 2 = 10$.

A $-\frac{20}{9}$	C 5
B -1	D 20
11. Solve $3x - 7 = 5x + 3$.

A -5	C $-\frac{5}{4}$
B -2	D $-\frac{1}{2}$
12. Which of the following equations has NO solutions?

A $a + 2 = a + 2$	
B $a = -a + 2$	
C $a + 2 = a - 2$	
D $a + a = 2$	
13. A cable company charges \$75 for installation plus \$20 per month. Another cable company offers free installation but charges \$35 per month. For how many months of cable service would the total cost from either company be the same?

A 2	C 5
B 3	D 7

Answer Key continued

Chapter 1 Performance Assessment

- Possible answers:
Member 1: $-8, -8$
Member 2: $2.5, 2.5$
Member 3: $\frac{1}{5}, \frac{1}{5}$
- Your result is always your original number.
- Benito's expression is incorrect. The sum of x and 3 must be multiplied by 2.
- $2(x + 3) - x - 6$
 $2x + 2(3) - x - 6$ Distributive Property
 $2x + 6 - x - 6$ Multiply.
 $2x - x + 6 - 6$ Commutative Property of Addition
 $(2x - x) + (6 - 6)$ Associative Property of Addition
 x Combine like terms.
- $\frac{3(x - 5) + 6}{3} + 4 - x$
- $\{1, 1, 1\}$
- Your result is always 1.

Chapter 1 Cumulative Test

- A
- C
- A
- C
- D
- D
- B
- A
- B
- C
- C
- B
- C

- B
- C
- D
- C
- A
- D
- C
- D
- B
- D
- C
- D
- B
- A
- D
- C
- D
- A
- B
- C
- A
- B
- B

CHAPTER 2

Section Quiz: Lessons 2-1 to 2-4

- A
- B

Answer Key continued

- 3. D
- 4. C
- 5. D
- 6. D
- 7. D
- 8. B
- 9. C
- 10. D
- 11. A
- 12. C
- 13. C

Section Quiz: Lessons 2-5 to 2-7

- 1. B
- 2. C
- 3. A
- 4. B
- 5. C
- 6. D
- 7. B
- 8. C
- 9. B
- 10. A
- 11. D
- 12. B

Chapter 2 Multiple-Choice Test Form A

- 1. B
 - 2. A
 - 3. B
 - 4. A
 - 5. D
 - 6. B
 - 7. B
 - 8. A
- 9. B
 - 10. D
 - 11. B
 - 12. B
 - 13. C
 - 14. A
 - 15. C
 - 16. B
 - 17. C
 - 18. B
 - 19. A
 - 20. C
 - 21. A
 - 22. A
 - 23. B
 - 24. B
 - 25. C

Chapter 2 Multiple-Choice Test Form B

- 1. D
- 2. C
- 3. A
- 4. C
- 5. A
- 6. A
- 7. A
- 8. D
- 9. B
- 10. B
- 11. B
- 12. B
- 13. C
- 14. A
- 15. B