

**Lesson 6.2/6.3 Review Worksheet**

1. Which of the following is a true statement?

- a.  $|-7| < |3|$
- b.  $|-7| > |3|$
- c.  $|-7| < |7|$
- d.  $0 > |-3|$

**Find the sum.**

- 2.  $-6 + (-13)$
- 3.  $9 + (-45)$
- 4.  $-12 + 11$

**Use mental math to solve the equation.**

- 5.  $-6 = 6 + k$
- 6.  $m + (-3) = -14$

**Find the sum.**

- 7.  $-5 + 7 + (-4)$
- 8. Susan owns a small business. There was a profit of \$15 on Monday and a loss of \$9 on Tuesday. On Wednesday there was a loss of \$17 and on Thursday there was a profit of \$7. Find the total profit or loss.
  - a. \$4 loss
  - b. \$9 loss
  - c. \$48 loss
  - d. \$6 profit

- 9. An elevator started on the 6th floor. It went up 8 floors, down 7 floors, up 7 floors, and down 2 floors. On what floor did the elevator finally stop?

**Find the difference.**

- 10.  $14 - 23$
- 11.  $19 - 22$
- 12.  $-12 - 14$
- 13.  $6 - (-8)$
- 14.  $1 - (-14)$
- 15.  $3 - (-12)$
- 16.  $-14 - (-14)$

Evaluate the expression for the given values of the variables.

- 17.  $a - b + c$ , when  $a = 2$ ,  $b = 4$ , and  $c = -6$
- 18. The temperature at 8:00 A.M. was  $15^{\circ}\text{C}$ . Over the next 8 hours the temperature rose  $4^{\circ}\text{C}$ , dropped  $2^{\circ}\text{C}$ , rose  $4^{\circ}\text{C}$ , rose  $4^{\circ}\text{C}$ , dropped  $1^{\circ}\text{C}$ , rose  $1^{\circ}\text{C}$ , dropped  $1^{\circ}\text{C}$ , and dropped  $4^{\circ}\text{C}$ . What was the temperature at 4:00 P.M?
  - a.  $19^{\circ}\text{C}$
  - b.  $22^{\circ}\text{C}$
  - c.  $21^{\circ}\text{C}$
  - d.  $20^{\circ}\text{C}$
- 19. Emily has \$142 in her savings account. She withdraws \$110, deposits \$58, and then withdraws \$88. Write an integer that shows the balance of her account.