

**Cumulative Review****Multiple Choice**

Identify the choice that best completes the statement or answers the question.

**Simplify the expression.**

- \_\_\_\_\_ 1.  $3[(11-3)^2 \div 2]$   
a. 12                      b. 24                      c. 32                      d. 96
- \_\_\_\_\_ 2.  $\frac{1}{2}(-24m + 46)$   
a.  $-72m + 23$                       c.  $-12m + 138$   
b.  $-12m + 23$                       d.  $-12m + 46$
- \_\_\_\_\_ 3.  $-1(2 - c)$   
a.  $-2 + c$                       b.  $2 - c$                       c.  $2 + c$                       d.  $-2 - c$

**Solve the equation.**

- \_\_\_\_\_ 4.  $-22 = b - 51$   
a.  $-29$                       b.  $-73$                       c. 29                      d. 73
- \_\_\_\_\_ 5.  $\frac{y}{5} = -13$   
a.  $-18$                       b.  $-65$                       c. 65                      d.  $-2\frac{3}{5}$
- \_\_\_\_\_ 6.  $\frac{1}{3}x = 14$   
a. 50                      b. 33                      c. 42                      d. 27
- \_\_\_\_\_ 7.  $-6 = \frac{x}{8} + 4$   
a.  $-80$                       b. 16                      c.  $-16$                       d. 1.8
- \_\_\_\_\_ 8.  $12 = -d + 17$   
a. 5                      b. 7                      c. 10                      d.  $-5$
- \_\_\_\_\_ 9.  $4(y - 4) = 8$   
a. 2                      b.  $-2$                       c. 7                      d. 6
- \_\_\_\_\_ 10.  $4x - 9 = 2x + 3$   
a. 3                      b. 6                      c. 9                      d. 2
- \_\_\_\_\_ 11.  $5d + d - 6d + 3 = 4d$   
a.  $\frac{3}{8}$                       b.  $-4$                       c.  $-\frac{3}{4}$                       d.  $\frac{3}{4}$