## Chapter 1 Test, Form 2A (continued)

11. Evaluate 
$$x - 2y$$
 if  $x = -3$  and  $y = -5$ .

A 1

B. 2

C. 13

D. 7

11.

 $E_c = +15$ 

 $G_{\rm c} = -15$ 

H. 15c

J. 6

12.

#### Write each verbal sentence as an algebraic equation.

**A.** 
$$-16 = 2 + n$$
 **B.**  $-16 = \frac{n}{2}$  **C.**  $-16 = 2n$ 

B. 
$$-16 - \frac{n}{2}$$

C. 
$$-16 = 2x$$

$$\mathbf{F}$$
.  $a + 20 = 6.50$ 

H. 
$$20\alpha = 6.50$$

G. 
$$20 - a = 6.50$$

$$J. a - 20 = 6.50$$

#### Solve each equation. Check your solution.

15. 
$$p + 13 = 8$$

$$D_{-21}$$

$$G_{*} - 32$$

17. 
$$39 = -3x$$

$$D. -13$$

18. 
$$\frac{c}{5} = 10$$

#### Write and solve an equation to find each number.

$$B. -3$$

$$D. -30$$

Chapter 1

80

**Bonus** Evaluate 
$$|x^2 - y^2|^3$$
 if  $x = 4$  and  $y = -6$ .

# Algebra Ii Chapter 1 Test

**Patrick Vollmar** 

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