Chapter 6 Solving Equations and Inequalities

Equations & Inequalities PRACTICE TEST

Name: Annual Key

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

1. Solve:
$$5 = -2x + 11$$

a. 8

b. -8

c. 3

d. -3

-6

-2x

-7

-2

2. Solve: $8 = 5 + \frac{3}{3}$

a. -7

b. 19

c. 0

d. 9

3 = x

3. Solve: $\frac{x}{7} - 3 = 5$

a. 38

b. 56

c. 26

d. 1

 $x = \frac{x}{2} = \frac{x}{3} = \frac{x}{3}$

4. Solve: $4(x+5) = 16$

a. 7

b. $\frac{11}{4}$

c. -1

d. -8

 $\frac{9}{2} = \frac{x}{3} = \frac{x}{3}$

7

7

-21

5. Solve: $8y = 2y - 12$

(a) $y = -2$

b. $y = -18$

c. $y = \frac{-10}{8}$

d. $y = 2$

7. A number times 5, minus 6, is 8. Write an equation to determine the number.

a. $6 - 5x = 8$

(b) $5x - 6 = 8$

c. $5 - 6x = 8$

d. $6x - 5 = 8$

2. Solve: $x = -2x + 11$

5. Solve: $x = -2x + 11$

6. Solve: $x = -2x + 11$

7. A number times 5, minus 6, is 8. Write an equation to determine the number.

 $x = -7$





