

Name \_\_\_\_\_

# Making Sense of Addition and Subtraction Equations

In **1–8**, decide if the two sides are equal. If yes, write =. If no, write  $\neq$  (not equal).

1.  $9 \bigcirc 5 + 4$

\_\_\_\_\_

2.  $10 - 4 \bigcirc 5$

\_\_\_\_\_

3.  $23 + 6 \bigcirc 29$

\_\_\_\_\_

4.  $12 \bigcirc 14 - 1$

\_\_\_\_\_

5.  $9 + 2 \bigcirc 7$

\_\_\_\_\_

6.  $14 \bigcirc 5 + 9$

\_\_\_\_\_

7.  $33 \bigcirc 44 - 11$

\_\_\_\_\_

8.  $27 - 9 \bigcirc 18$

\_\_\_\_\_

In **9–16**, find the value for  $n$  that makes the equation true.

9.  $16 = 7 + n$

\_\_\_\_\_

10.  $12 = n - 3$

\_\_\_\_\_

11.  $8 = 5 + n$

\_\_\_\_\_

12.  $n - 6 = 3$

\_\_\_\_\_

13.  $7 + n = 7$

\_\_\_\_\_

14.  $24 - n = 14$

\_\_\_\_\_

15.  $n = 45 + 6$

\_\_\_\_\_

16.  $8 = 10 - n$

\_\_\_\_\_

For **17** and **18**, use the given equation to solve the problem.

- 17.** Dina has 5 orchids. Mae has 13 orchids. How many more orchids does Mae have than Dina?

$$5 + n = 13$$

\_\_\_\_\_

- 18.** Juan collected 7 fewer stamps than Jenn. Juan collected 24 stamps. How many stamps did Jenn collect?

$$n - 7 = 24$$

\_\_\_\_\_

- 19. Model** Derrick has 7 marbles. Roger has  $n$  marbles. Together they have 14 marbles. Write an equation to model the problem. How many marbles does Roger have?

\_\_\_\_\_

- 20.** Which value for  $n$  makes the equation  $n + 8 = 45$  true?

**A**  $n = 37$

**C**  $n = 41$

**B**  $n = 38$

**D**  $n = 53$