

Name \_\_\_\_\_

Practice

**3-10**

# Making Sense of Addition 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.  $10 + 3 \bigcirc 5$

\_\_\_\_\_

3.  $23 + 6 \bigcirc 29$

\_\_\_\_\_

4.  $12 \bigcirc 13 + 5$

\_\_\_\_\_

5.  $9 + 2 \bigcirc 7$

\_\_\_\_\_

6.  $14 \bigcirc 5 + 9$

\_\_\_\_\_

7.  $33 \bigcirc 14 + 19$

\_\_\_\_\_

8.  $14 + 4 \bigcirc 18$

\_\_\_\_\_

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

9.  $16 = 7 + n$

\_\_\_\_\_

10.  $12 = n + 2$

\_\_\_\_\_

11.  $8 = 5 + n$

\_\_\_\_\_

12.  $n + 5 = 14$

\_\_\_\_\_

13.  $7 + n = 7$

\_\_\_\_\_

14.  $14 + n = 14$

\_\_\_\_\_

15.  $n = 45 + 6$

\_\_\_\_\_

16.  $8 = 6 + n$

\_\_\_\_\_

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. Fran collected 7 more stamps than Erin. Fran collected 24 stamps. How many stamps did Erin 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  $n = 53$