

**Homework Practice***Solve Equations Mentally***Solve each equation mentally.**

1.  $3 + d = 11$  \_\_\_\_\_

2.  $15 - r = 2$  \_\_\_\_\_

3.  $f + 4 = 10$  \_\_\_\_\_

4.  $20 = t + 7$  \_\_\_\_\_

5.  $13 - h = 4$  \_\_\_\_\_

6.  $9 = w - 12$  \_\_\_\_\_

7.  $j - 2 = 19$  \_\_\_\_\_

8.  $12 = 3 + z$  \_\_\_\_\_

9.  $6 + m = 17$  \_\_\_\_\_

10.  $17 - b = 4$  \_\_\_\_\_

**Write and solve an equation for each situation.**11. A number plus 5 equals 13. What is the number?  
\_\_\_\_\_12. Twelve less than a number equals 25. What is the number?  
\_\_\_\_\_13. The sum of 4 and a number is 27. What is the number?  
\_\_\_\_\_14. Seven subtracted from a number is 15. What is the number?  
\_\_\_\_\_**Spiral Review****Find the value of each expression if  $x = 6$  and  $c = 4$ . (Lesson 5-1)**

15.  $x + 3$  \_\_\_\_\_

16.  $10 + c$  \_\_\_\_\_

17.  $c + 12$  \_\_\_\_\_

18.  $(x - 2) + 7$  \_\_\_\_\_

19.  $x - 5$  \_\_\_\_\_

20.  $22 - (c + 3)$  \_\_\_\_\_

**Write an expression for each situation.**21. seven more than  $d$  \_\_\_\_\_22.  $w$  minus 12 \_\_\_\_\_23. the sum of  $f$  and seventeen \_\_\_\_\_24. twenty-one subtracted from  $p$  \_\_\_\_\_