

# 7-7 Skills Practice

## Special Products

Find each product.

1.  $(n + 3)^2$

2.  $(x + 4)(x + 4)$

3.  $(y - 7)^2$

4.  $(t - 3)(t - 3)$

5.  $(b + 1)(b - 1)$

6.  $(a - 5)(a + 5)$

7.  $(p - 4)^2$

8.  $(z + 3)(z - 3)$

9.  $(\ell + 2)(\ell + 2)$

10.  $(r - 1)(r - 1)$

11.  $(3g + 2)(3g - 2)$

12.  $(2m - 3)(2m + 3)$

13.  $(6 + u)^2$

14.  $(r + s)^2$

15.  $(3q + 1)(3q - 1)$

16.  $(c - e)^2$

17.  $(2k - 2)^2$

18.  $(w + 3h)^2$

19.  $(3p - 4)(3p + 4)$

20.  $(t + 2u)^2$

21.  $(x - 4y)^2$

22.  $(3b + 7)(3b - 7)$

23.  $(3y - 3g)(3y + 3g)$

24.  $(s^2 + r^2)^2$

25.  $(2k + m^2)^2$

26.  $(3u^2 - n)^2$

**27. GEOMETRY** The length of a rectangle is the sum of two whole numbers. The width of the rectangle is the difference of the same two whole numbers. Using these facts, write a verbal expression for the area of the rectangle.