

# 8-7 Skills Practice

## Multiplying Polynomials

Find each product.

1.  $(m + 4)(m + 1)$

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

3.  $(b + 3)(b + 4)$

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

5.  $(r + 1)(r - 2)$

6.  $(z - 5)(z + 1)$

7.  $(3c + 1)(c - 2)$

8.  $(2x - 6)(x + 3)$

9.  $(d - 1)(5d - 4)$

10.  $(2\ell + 5)(\ell - 4)$

11.  $(3n - 7)(n + 3)$

12.  $(q + 5)(5q - 1)$

13.  $(3b + 3)(3b - 2)$

14.  $(2m + 2)(3m - 3)$

15.  $(4c + 1)(2c + 1)$

16.  $(5a - 2)(2a - 3)$

17.  $(4h - 2)(4h - 1)$

18.  $(x - y)(2x - y)$

19.  $(e + 4)(e^2 + 3e - 6)$

20.  $(t + 1)(t^2 + 2t + 4)$

21.  $(k + 4)(k^2 + 3k - 6)$

22.  $(m + 3)(m^2 + 3m + 5)$

**GEOMETRY** Write an expression to represent the area of each figure.

