Unit 5 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multiplying Polynomials

**Simplify each product. Write answers in standard form.**

**1.** (x + 3) (2x – 5) **2.** (3w + 4) (2w – 1)

**3.** (x + 5) (x – 4) **4.** (a – 6) (a + 6)

**5.** (k - 4) (3k – 4) **6.** (5x + 7)

**7.** (2x – 5) **8.** (3x + 4) (3x – 4)

**9.** (d + 9) (d – 11)  **10.** (2x) (x – 4)

**11.** (3x + 1) (-2x)

**12.** Find the area of the following rectangle.

2c - 1

8c + 3