**Skills Practice**

***Using the Distributive Property***

**Lesson 8-5**

*Glencoe Algebra 1*

Chapter 8

**33**

**26.** 2*x*2 = 3*x*

**25.** 3*a*2 = 6*a*

**24.** *y*2 + 3*y* = 0

**23.** *x*2 – 5*x* = 0

**22.** (*a* – 9)(2*a* + 1) = 0

**21.** (*m* – 3)(*m* + 5) = 0

**20.** *b*(*b* + 12) = 0

**19.** *x*(*x* – 8) = 0

**Solve each equation. Check your solutions.**

**18.** 9*x*2 – 3*xy* + 6*x* – 2*y*

**17.** 6*t*2 – 4*t* – 3*t* + 2

**16.** 2*a*2 – 4*a* + *a* – 2

**15.** 2*j*2 + 2*j* + 3*j* + 3

**14.** *b*2 – 2*b* + 3*b* – 6

**13.** *x*2 + 3*x* + *x* + 3

**12.** 10*h*3*n*3 – 2*hn*2 + 14*hn*

**11.** 4*a*2*b*2 + 16*ab* + 12*a*

**10.** 3*p*2*r*2 + 6*pr* + *p*

**9.** *x* + *x*2*y* + *x*3*y*2

**8.** *a*2*b*2 + *a*

**7.** *t*2*h* + 3*t*

**6.** 81*r* + 48*rt*

**5.** 8*ax* – 56*a*

**4.** 10*q* – 25*q*2

**3.** 5*a*2 – 15

**2.** 8*m* – 6

**Factor each polynomial.**

**1.** 7*x* + 49

**8-5**

PERIOD

NAME DATE



