

# LT 3.6 Skills Practice

## *Solving Quadratic Equations by Factoring*

Solve each equation by factoring.

1.  $64x^2 + 112x + 49 = 0$

2.  $289x^2 + 34x + 1 = 0$

3.  $121x^2 - 88x + 160 = 0$

4.  $x^2 - 20x + 100 = 0$

5.  $5x^2 - 14x + 8 = 0$

6.  $7x^2 - 15x + 6 = 4$

7.  $4x^2 - 46 = 3$

8.  $11x^2 - 32x + 17 = 20$

9.  $4x^2 + 12x + 9 = 0$

10.  $5x^2 - 11x - 3 = 2x + 3$