LT 3.6 Honors 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. $x^2 - 20x + 100 = 0$

Challenge

5. $144x^2 + 24xy + 9y^2 = 0$

6. $x^2 - 6xy + 9y^2 = 0$

7. $5x^2 - 14x + 8 = 0$

8. $7x^2 - 15x + 6 = 4$

9. $4x^2 - 46 = 3$

10. $11x^2 - 32x + 17 = 20$

11. $4x^2 + 12x + 9 = 0$

12. $5x^2 - 11x - 3 = 2x + 3$