Solve each quadratic equation by factoring.

Solve for x. Show your work.

1. $3x^2 + -4x + 8$

2. $5x^2 + 0x + 8$

3. $3x^2 + -1x + 2$

4. $4x^2 + -3x + -6$

5. $4x^2 + -5x + -10$

6. $5x^2 + 5x + 4$

7. $4x^2 + -3x + 0$

8. $2x^2 + -1x + -6$

Solve each quadratic equation by factoring. – Answer Key

1. $3x^2 + -4x + 8$

   Factored form

2. $5x^2 + 0x + 8$

   Factored form

3. $3x^2 + -1x + 2$

   Factored form

4. $4x^2 + -3x + -6$

   Factored form

5. $4x^2 + -5x + -10$

   Factored form

6. $5x^2 + 5x + 4$

   Factored form

7. $4x^2 + -3x + 0$

   Factored form

8. $2x^2 + -1x + -6$

   Factored form