**Quadratic Formula GREEN**

**1) 2x² + 6x + 3 = 0**

**2) 6x² - 11x + 3 = 0**

**3) 2x² + 5x – 1 = 0**

**4) x² + 4x + 1 = 0**

**5) 5x² - 5x = 0**

**6) 8x² + 8x + 2 = 0**

**7) x² - 7x + 2 = 0**

**8) 3x² + 4x + 6 = 0**

**Quadratic Formula AMBER**

**1) 2x² + 6x + 3 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**2) 6x² - 11x + 3 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**3) 2x² + 5x – 1 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**4) x² + 4x + 1 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**5) 5x² - 5x = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**6) 8x² + 8x + 2 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**7) x² - 7x + 2 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**8) 3x² + 4x + 6 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**Quadratic Formula RED**

**1) 2x² + 6x + 3 = 0**

Substitute 🡪 x = -6 ± √(6² - 4 x 2 x 3)

 2 x 2

Simplify 🡪 x = -6 ± √12

 4

Split 🡪 x = -6 + √12 or -6 - √12

 4 4

Solve 🡪 x =

**2) 6x² - 11x + 3 = 0**

Substitute 🡪 x = - -11 ± √((-11)² - 4 x 6 x 3)

 2 x 6

Simplify 🡪

Split 🡪

Solve 🡪

**3) 2x² + 5x – 1 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**4) x² + 4x + 1 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**5) 5x² - 5x = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**6) 8x² + 8x + 2 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**7) x² - 7x + 2 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪

**8) 3x² + 4x + 6 = 0**

Substitute 🡪

Simplify 🡪

Split 🡪

Solve 🡪