

Name: \_\_\_\_\_

# Math is Gold

Date: \_\_\_\_\_

**Topic: Factorization**

(id:fa\_solve\_A.1)

**Title: Solve the equation**

1)  $2x^2 - 10x + 12 = 0$

2)  $9x^2 - 3x - 6 = 0$

3)  $12x^2 + 16x - 28 = 0$

4)  $-5x^2 + 14x + 3 = 0$

5)  $x^2 - \frac{3}{2}x - 1 = 0$

6)  $2x^3 - 15x^2 - 8x = 0$

$$7) 3x^3 - 17x^2 - 6x = 0$$

$$8) 3x^3 + 2x^2 - 5x = 0$$

$$9) 5x^3 - 14x^2 - 3x = 0$$

$$10) 2x^3 - x^2 - 15x = 0$$

$$11) x^3 + x^2 - 9x - 9 = 0$$

$$12) x^3 + 7x^2 - x - 7 = 0$$

$$13) x^3 + 3x^2 - 4x - 12 = 0$$

$$14) x^3 + 3x^2 - 16x - 48 = 0$$

$$15) x^3 + x^2 - 25x - 25 = 0$$