

Quadratic Equations

Factoring

Factoring: Non-Monic

1. solve by factoring $2x^2 + x - 6 = 0$

2. solve by factoring $4x^2 - 19x + 12 = 0$

3. solve by factoring $4x^2 - 12x + 9 = 0$

4. solve by factoring $2x^2 + 3x - 2 = 0$

5. solve by factoring $2x^2 + 5x - 3 = 0$

6. solve by factoring $3x^2 - 4x + 1 = 0$

7. solve by factoring $2x^2 + 7x - 15 = 0$

8. solve by factoring $3x^2 + 2x - 8 = 0$

9. solve by factoring $3x^2 + 2x - 16 = 0$

10. solve by factoring $5x^2 - 8x + 3 = 0$

Answers**Quadratic Equations****Factoring****Factoring: Non-Monic**

$$1. x = \frac{3}{2}, x = -2$$

$$2. x = \frac{3}{4}, x = 4$$

$$3. x = \frac{3}{2}$$

$$4. x = \frac{1}{2}, x = -2$$

$$5. x = \frac{1}{2}, x = -3$$

$$6. x = \frac{1}{3}, x = 1$$

$$7. x = \frac{3}{2}, x = -5$$

$$8. x = \frac{4}{3}, x = -2$$

$$9. x = 2, x = -\frac{8}{3}$$

$$10. x = \frac{3}{5}, x = 1$$