

Name: _____

Quadratic Equations

Solve each equation for us.

1. $9x^2 - 4 - 7x = 0$

2. $2x^2 - 11x - 21 = 0$

3. $20x^2 - 40x - 25 = 0$

4. $x^2 + 16x - 17 = 0$

5. $6x^2 + 12x - 15 = -10$

6. $x^2 - 2x - 48 = 0$

7. $10x^2 - 26x + 12 = 0$

8. $2x^2 + 9x + 10 = 0$

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Quadratic Equations

Answers

1. $9x^2 - 4 - 7x = 0$

$\left\{ \frac{7 + \sqrt{193}}{18}, \frac{7 - \sqrt{193}}{18} \right\}$

2. $2x^2 - 11x - 21 = 0$

$\left\{ -\frac{3}{2}, 7 \right\}$

3. $20x^2 - 40x - 25 = 0$

$\left\{ -\frac{1}{2}, \frac{5}{2} \right\}$

4. $x^2 + 16x - 17 = 0$

$\{1, -17\}$

5. $6x^2 + 12x - 15 = -10$

$\left\{ \frac{-6 + \sqrt{66}}{6}, \frac{-6 - \sqrt{66}}{6} \right\}$

6. $x^2 - 2x - 48 = 0$

$\{8, -6\}$

7. $10x^2 - 26x + 12 = 0$

$\left\{ \frac{3}{5}, 2 \right\}$

8. $2x^2 + 9x + 10 = 0$

$\left\{ -\frac{5}{2}, -2 \right\}$