

<p>Solve 1-3 using the <u>QUADRATIC FORMULA</u> give exact answers.</p> <p>1. <math>x^2 - 8x = -4</math></p>	<p>2. <math>2x^2 + 13 = 9x</math></p>	<p>3. <math>6x^2 + 11x - 21 = 0</math></p>
<p>Solve 4-6 by <u>COMPLETING the SQUARE</u> give exact answers.</p> <p>4. <math>x^2 + x - 2 = 0</math></p>	<p>5. <math>2x^2 - 3x - 6 = 0</math></p>	<p>6. <math>2x^2 - 6x + 5 = 0</math></p>
<p>Solve 7-9 using <u>FACTORING and the ZERO PRODUCT PROPERTY</u>.</p> <p>7. <math>4x^2 - 12x = -9</math></p>	<p>8. <math>3x^2 - 22x + 7 = 0</math></p>	<p>9. <math>5x^2 = 125</math></p>

$$1. x = 4 \pm 2\sqrt{3} \quad 2. x = \frac{9 \pm i\sqrt{23}}{4} \quad 3. x = \frac{7}{6} \text{ or } x = -3 \quad 4. x = 1, -2 \quad 5. x = \frac{3 \pm \sqrt{57}}{4} \quad 6. x = \frac{3 \pm i}{2} \quad 7. x = \frac{3}{2}$$

$$8. x = \frac{1}{3}, 7 \quad 9. x = \pm 5$$