



Quadratic Formula - Equation and Vertex Formula to X Coordinate of Vertex

<p>1 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = x^2 - 3x + 3$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = 2.5</p>	<p>B x = 2</p>	<p>2 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = 4x^2 + 2x + 1$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = -0.25</p>	<p>B x = 0.5</p>
<p>3 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = -5x^2 - 5$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = 0</p>	<p>B x = 0.75</p>	<p>4</p> $y = 3x^2 - 5x + 3$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> <p>A x = -0.17</p> <p>B x = 0.83</p>	
<p>5 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = -3x^2 - 2x - 4$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = -1.33</p>	<p>B x = -0.58</p>	<p>6 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = 5x^2 - 4x + 3$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = 1.15</p>	<p>B x = -0.6</p>
<p>7 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = 2x^2 - 2x + 3$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = 0.25</p>	<p>B x = 0.5</p>	<p>8 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?</p> $y = 2x^2 - 2x + 4$ <p>vertex x-coordinate:</p> $x = \frac{-b}{2a}$	<p>A x = -0.5</p>	<p>B x = 0</p>
<p>C x = 1.5</p>	<p>C x = -0.33</p>	<p>C x = 0.4</p>	<p>C x = 0.75</p>	<p>C x = 0.5</p>	<p>C x = 0.5</p>