



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

1 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = -3x - x^2 - 3$ vertex x-coordinate: $x = \frac{-b}{2a}$	A $x = -1.5$	B $x = -0.75$	2 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = 4x + 2x^2 + 3$ vertex x-coordinate: $x = \frac{-b}{2a}$	A $x = -1.5$	B $x = -1$
3 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = 5x^2 + 4 + 4x$ vertex x-coordinate: $x = \frac{-b}{2a}$	A $x = 0.35$	B $x = -0.65$	4 $y = -4x - 3x^2 - 4$ vertex x-coordinate: $x = \frac{-b}{2a}$ What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?	A $x = -0.67$	B $x = 0.08$
5 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = 4x^2 + 2 + 4x$ vertex x-coordinate: $x = \frac{-b}{2a}$	A $x = -1.5$	B $x = -0.5$	6 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = -3x - x^2 - 4$ vertex x-coordinate: $x = \frac{-b}{2a}$	A $x = -1.75$	B $x = -1.5$
7 $y = 4x^2 + 1 + 3x$ vertex x-coordinate: $x = \frac{-b}{2a}$ What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)?	A $x = -0.88$	B $x = -0.38$	8 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = -x^2 - 2 + x$ vertex x-coordinate: $x = \frac{-b}{2a}$	A $x = 1$	B $x = 0.5$
				C $x = 1.25$	