



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

1 $y = 3x^2 - 2x + 1$ What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = 0.33 x = 0.08	2 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = -5x^2 - 3x - 1$ vertex x-coordinate: $x = \frac{-b}{2a}$	A x = -0.55	B x = 0.45
3 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = 3x^2 - 5x + 3$ vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = 0.08 x = 0.83 C x = 1.33	4 $y = 3x^2 - 5x + 4$ What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = 0.83 x = 1.08		
5 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = 3x^2 - 4x + 3$ vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = 0.67 x = -0.33 C x = -0.08	6 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = -4x^2 + 4x - 5$ vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = 1.5 x = 0.5 C x = 1		
7 $y = -x^2 + x - 3$ What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = 0 x = 0.5	8 What is the X-coordinate of the vertex of this quadratic equation (use the vertex formula)? $y = -5x^2 + x - 1$ vertex x-coordinate: $x = \frac{-b}{2a}$ A B x = -0.15 x = 0.1 C x = 0.6		