



Quadratic Formula - Equation to X Coordinate of Vertex

1 What is the X-coordinate of the vertex of this quadratic equation?

$$y = -2x^2 - 5 - 4x$$

- | | | | |
|---|----------|---|-----------|
| A | x = -1.5 | B | x = -1.75 |
| C | x = -1 | | |

2 What is the X-coordinate of the vertex of this quadratic equation?

$$y = +x^2 + 2$$

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|---|----------|---|----------|
| A | x = -0 | B | x = -0.5 |
| C | x = 0.75 | | |

3 What is the X-coordinate of the vertex of this quadratic equation?

$$y = -3x^2 - 3$$

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|---|-----------|---|----------|
| A | x = -0.75 | B | x = 0.75 |
| C | x = 0 | | |

4 What is the X-coordinate of the vertex of this quadratic equation?

$$y = -3x^2 - 4 + x$$

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|---|-----------|---|----------|
| A | x = 0.92 | B | x = 0.17 |
| C | x = -0.33 | | |

5 What is the X-coordinate of the vertex of this quadratic equation?

$$y = 5x^2 - 2x + 2$$

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|---|---------|---|----------|
| A | x = 0.2 | B | x = -0.3 |
|---|---------|---|----------|

6 What is the X-coordinate of the vertex of this quadratic equation?

$$y = -5x^2 - 5x - 4$$

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|---|----------|---|-------|
| A | x = 0.25 | B | x = 0 |
| C | x = -0.5 | | |

7 What is the X-coordinate of the vertex of this quadratic equation?

$$y = -4x^2 - 2 - x$$

- | | | | |
|---|-----------|---|----------|
| A | x = 0.63 | B | x = 0.13 |
| C | x = -0.13 | | |

8 What is the X-coordinate of the vertex of this quadratic equation?

$$y = -5x^2 + x - 5$$

- | | | | |
|---|----------|---|---------|
| A | x = -0.4 | B | x = 0.1 |
| C | x = -0.9 | | |