



Quadratic Formula - Equation to Decimal Roots

1 What roots (solutions) would this quadratic equation have?

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

A $x = 5.61$ $x = 0.73$	B $x = 4.67$ $x = 2.29$	C $x = -0.5$ $x = 2$	D $x = -1.89$ $x = -1.95$
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2 What roots (solutions) would this quadratic equation have?

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

A $x = 5.69$ $x = -5.47$	B $x = 4.93$ $x = -2.37$	C $x = 5.01$ $x = 1.06$	D $x = 0.75$ $x = 0$
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3 What roots (solutions) would this quadratic equation have?

$$y = x^2 + 4x - 1$$

A $x = 0.24$ $x = -4.24$	B $x = 4.65$ $x = 3.63$	C $x = -5.23$ $x = -3.01$	D $x = 1.71$ $x = 0.33$
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4 What roots (solutions) would this quadratic equation have?

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

A $x = 1.31$ $x = -2.24$	B $x = -1.36$ $x = -5.92$	C $x = -1.44$ $x = 0.69$	D $x = 2.46$ $x = -1.02$
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5 What roots (solutions) would this quadratic equation have?

$$y = 5x^2 + x - 1$$

A $x = -4.87$ $x = -2.74$	B $x = 0.97$ $x = -2.05$	C $x = -4.13$ $x = -5.8$	D $x = 0.36$ $x = -0.56$
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6 What roots (solutions) would this quadratic equation have?

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

A $x = 2.27$ $x = -0.31$	B $x = -0.86$ $x = 0.46$	C $x = 2.1$ $x = -1.33$	D $x = -0.07$ $x = 0.22$
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7 What roots (solutions) would this quadratic equation have?

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

A $x = 2.36$ $x = 1.88$	B $x = -5.52$ $x = 1.22$	C $x = -2.19$ $x = 1.87$	D $x = -0.78$ $x = 1.28$
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8 What roots (solutions) would this quadratic equation have?

$$y = -1x^2 + 4x - 3$$

A $x = 1$ $x = 3$	B $x = -4$ $x = -4.23$	C $x = 3.25$ $x = 1.57$	D $x = 5.78$ $x = 2.06$
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