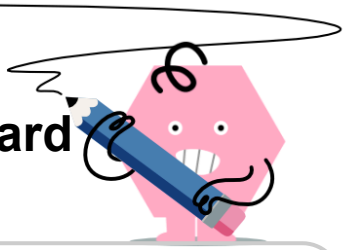
Name

Quadratic Formula - A, B, C and Standard Form to Equation



1 Which quadratic equation has these values of a, b, and c from the standard form?

$$a = 4$$
$$b = 1$$
$$c = 2$$

standard form: $y = ax^2 + bx + c$

A $y = 2x^2 + x + 4$

B $y = 4x^2 + x + 2$

C $y = x^2 + 2x + 4$

2 Which quadratic equation has these values of a, b, and c from the standard form?

$$a = -4$$
$$b = -1$$
$$c = -5$$

standard form: $y = ax^2 + bx + c$

A $y = -1x^2 - 4x - 5$

B $y = -4x^2 - 5x - 1$

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

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$$a = 2$$
$$b = 0$$
$$c = 2$$

standard form: $y = ax^2 + bx + c$

Which quadratic equation has these values of a, b, and c from the standard form?

A $y = 2x^2 + 2$

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

4 Which quadratic equation has these values of a, b, and c from the standard form?

$$a = 5$$
$$b = -1$$
$$c = 1$$

standard form: $y = ax^2 + bx + c$

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

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

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

5 Which quadratic equation has these values of a, b, and c from the standard form?

$$a = 1$$
$$b = -3$$
$$c = 3$$

standard form: $y = ax^2 + bx + c$

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

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

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

6 Which quadratic equation has these values of a, b, and c from the standard form?

$$a = 3$$
$$b = -3$$
$$c = 1$$

standard form: $y = ax^2 + bx + c$

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

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

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

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$$a = -4$$
$$b = -1$$
$$c = -1$$

standard form: $y = ax^2 + bx + c$

Which quadratic equation has these values of a, b, and c from the standard form?

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

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

8 Which quadratic equation has these values of a, b, and c from the standard form?

$$a = -4$$
$$b = 3$$
$$c = -3$$

standard form: $y = ax^2 + bx + c$

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

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

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