New Maths GCSE: A18 - Putting values into the Quadratic Formula

Name:..   Date:..

In this equation what is the value of "a"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$2x^2 + 4x + 9 = 0$$

A) 4   B) 9

C) 2   D) 0

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Correct Answer: A B C D

Explanation:

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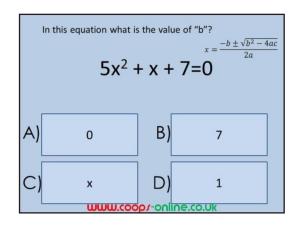..
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In this equation what is the value of "a"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$7x + 3x^2 + 5 = 0$$

A) 7   B) 3

C) 5   D) 0

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "b"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$5x^2 + x + 7 = 0$$

A) 0   B) 7

C) x   D) 1

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "b"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$5x^2 + 19 = 6x$$

A) -6   B) 5

C) 6   D) 19

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "b"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$5x^2 + 5x + 4 = 6x$$

A) 11   B) 6

C) 5   D) -1

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "a"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$5x^2 + 2x + 20 = x^2$$

A) 6   B) 4

C) 5   D) 1

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "c"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$4x^2 + 2x - 3 = 16$$

A) -3   B) -19

C) -16   D) 19

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "c"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

5x(x -2x+ 3)=0

A) 3

B) 15

C) 0

D) -2

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Correct Answer: A B C D

Explanation:

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In this equation what is the value of "a"?

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

2x(3x + 2)-4=0

A) 6

B) 3

C) 2

D) There isn't one

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Correct Answer: A B C D

Explanation:

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