



# Exit Ticket H2 - Solving Quadratic Equations

Name: .....

Date: .....

Solve by factorising

$$x^2 + 5x - 6 = 0$$

**A**  $x = 2$  or  $x = 3$       **B**  $x = 2$  or  $x = -3$

**C**  $x = -2$  or  $x = 3$       **D**  $x = 1$  or  $x = -6$

Space Studio (Cambridge)

Correct Answer: A B C D

Explanation:

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According to the graph, what is the solution to the equation:

$$x^2 + 5x - 6 = 0$$

**A**  $x = -2.5,$   
 $x = -12$       **B**  $y = -6$

**C**  $x = 1,$   
 $x = -6$       **D**  $x = -1,$   
 $x = 6$

Correct Answer: A B C D

Explanation:

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Which **one** of the following is the **correct** solution of the equation  $7x^2 - 3 - 12x = 0$ ?

A  $\frac{12 \pm \sqrt{228}}{14}$       B  $\frac{-12 \pm \sqrt{228}}{14}$       C  $\frac{3 \pm \sqrt{345}}{14}$       D  $\frac{-3 \pm \sqrt{345}}{14}$

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Correct Answer: A B C D

Explanation:

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