



# New Maths GCSE: A10 - Straight Line Graphs - Find the Intercept

Name: .....

Date: .....

$y = 3x - 5$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(3, 0)	<b>B</b>	(0, 3)
<b>C</b>	(-5, 0)	<b>D</b>	(0, -5)

Correct Answer: A B C D

Explanation:

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$y = x - 7$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(7, 0)	<b>B</b>	(0, 7)
<b>C</b>	(-7, 0)	<b>D</b>	(0, -7)

Correct Answer: A B C D

Explanation:

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$y = 1 + 3x$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(1, 0)	<b>B</b>	(0, 1)
<b>C</b>	(3, 0)	<b>D</b>	(0, 3)

Correct Answer: A B C D

Explanation:

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$y = 2x - 6$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(6, 0)	<b>B</b>	(0, -6)
<b>C</b>	(3, 0)	<b>D</b>	(0, -3)

Correct Answer: A B C D

Explanation:

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$y = 4x + 12$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(-4, 0)	<b>B</b>	(-3, 0)
<b>C</b>	(4, 0)	<b>D</b>	(12, 0)

Correct Answer: A B C D

Explanation:

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$y = -2x - 3$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(-2, 0)	<b>B</b>	(-3, 0)
<b>C</b>	(0, -2)	<b>D</b>	(0, -3)

Correct Answer: A B C D

Explanation:

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$y = \frac{1}{2}x + 3$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	(-6, 0)	<b>B</b>	(-1.5, 0)
<b>C</b>	(-0.5, 0)	<b>D</b>	(-3, 0)

Correct Answer: A B C D

Explanation:

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$y = 6 - 3x$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	$(-3, 0)$	<b>B</b>	$(0, -3)$
<b>C</b>	$(6, 0)$	<b>D</b>	$(0, 6)$

Correct Answer: A B C D

Explanation:

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$y = -2x - 8$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	$(-8, 0)$	<b>B</b>	$(-2, 0)$
<b>C</b>	$(-16, 0)$	<b>D</b>	$(-4, 0)$

Correct Answer: A B C D

Explanation:

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$y = 10 - 5x$

What are the co-ordinates of the crossing point (p)?

<b>A</b>	$(10, 0)$	<b>B</b>	$(-5, 0)$
<b>C</b>	$(6, 0)$	<b>D</b>	$(2, 0)$

Correct Answer: A B C D

Explanation:

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