Exit Ticket J7 - Parallel and Perpendicular Lines

Name:..   Date:..

Which line would be parallel to this graph?

A $y = 2x + 5$

B $y = 3x + 3$

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

D $y = -\frac{1}{2}x - 1$

Correct Answer: A B C D

Explanation:

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$3y = 1 - 6x$

A line parallel to this would have gradient:

A $-\dfrac{1}{2}$ B 6

C -6 D -2

Correct Answer: A B C D

Explanation:

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AQA
Realising potential

Which of these is the gradient of a line that is perpendicular to the line $y = \frac{5}{2}x - 1$?

A	B	C	D
$\frac{5}{2}$	$-\frac{2}{5}$	$-\frac{5}{2}$	$\frac{2}{5}$

Correct Answer: A B C D

Explanation:

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