






















Decide if each card is **TRUE** or **FALSE**!

<b>A</b> The equation of a line in the form $y = mx + c$ tells us the gradient ( $m$ ) and the $y$ -intercept ( $c$ ).	<b>B</b> $y = 4x + 7$ Gradient = 4 $y$ -intercept = 6	<b>C</b> $y = \frac{1}{2}x - 3$ Gradient = 0.5 $y$ -intercept = $-3$	<b>D</b> $-y = 2x + 6$ Gradient = 2 $y$ -intercept = 6
<b>E</b> $2y = 6x + 2$ Gradient = 3 $y$ -intercept = 1	<b>F</b> $y = 8 - 3x$ Gradient = 3 $y$ -intercept = 8	<b>G</b> $3y = 2x - 9$ Gradient = 0.6 $y$ -intercept = $-3$	<b>H</b> Every straight line has a positive or a negative gradient.
<b>I</b> $y - 2x = 5$ Gradient = $-2$ $y$ -intercept = 5	<b>J</b> $4y = 3x$ Gradient = 0.75 $y$ -intercept = 0	<b>K</b> $x + y = 4$ Gradient = $-1$ $y$ -intercept = 4	<b>L</b> $2y = x - 14$ Gradient = $\frac{1}{2}$ $y$ -intercept = $-7$
<b>M</b> $2y + 5 = x$ Gradient = 0.5 $y$ -intercept = $-2.5$	<b>N</b> $5 - y = 7x$ Gradient = 7 $y$ -intercept = $-5$	<b>O</b> $4x - 2y = 7$ Gradient = 2 $y$ -intercept = $-3.5$	<b>P</b> $9 - 5x = -2y$ Gradient = 2.5 $y$ -intercept = $-4.5$

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<b>A</b> The equation of a line in the form $y = mx + c$ tells us the gradient ( $m$ ) and the $y$ -intercept ( $c$ ). 	<b>B</b> $y = 4x + 7$ Gradient = 4  $y$ -intercept = 6 	<b>C</b> $y = \frac{1}{2}x - 3$ Gradient = 0.5 $y$ -intercept = $-3$ 	<b>D</b> $-y = 2x + 6$ Gradient = 2 $y$ -intercept = 6 
<b>E</b> $2y = 6x + 2$ Gradient = 3 $y$ -intercept = 1 	<b>F</b> $y = 8 - 3x$ Gradient = 3  $y$ -intercept = 8 	<b>G</b> $3y = 2x - 9$ Gradient = 0.6  $y$ -intercept = $-3$ 	<b>H</b> Every straight line has a positive or a negative gradient. Can be vertical (undefined) 
<b>I</b> $y - 2x = 5$ Gradient = $-2$  $y$ -intercept = 5 	<b>J</b> $4y = 3x$ Gradient = 0.75 $y$ -intercept = 0 	<b>K</b> $x + y = 4$ Gradient = $-1$ $y$ -intercept = 4 	<b>L</b> $2y = x - 14$ Gradient = $\frac{1}{2}$ $y$ -intercept = $-7$ 
<b>M</b> $2y + 5 = x$  Gradient = 0.5 $y$ -intercept = $-2.5$	<b>N</b> $5 - y = 7x$ Gradient = 7  $y$ -intercept = $-5$ 	<b>O</b> $4x - 2y = 7$ Gradient = 2  $y$ -intercept = $-3.5$	<b>P</b> $9 - 5x = -2y$ Gradient = 2.5  $y$ -intercept = $-4.5$

