

$$\text{Solve: } y = 3x + 2$$

$$y + x = 6$$

Remember

$$y = mx + c$$

Rearrange any equations equal to y

Plot both lines onto a coordinate grid

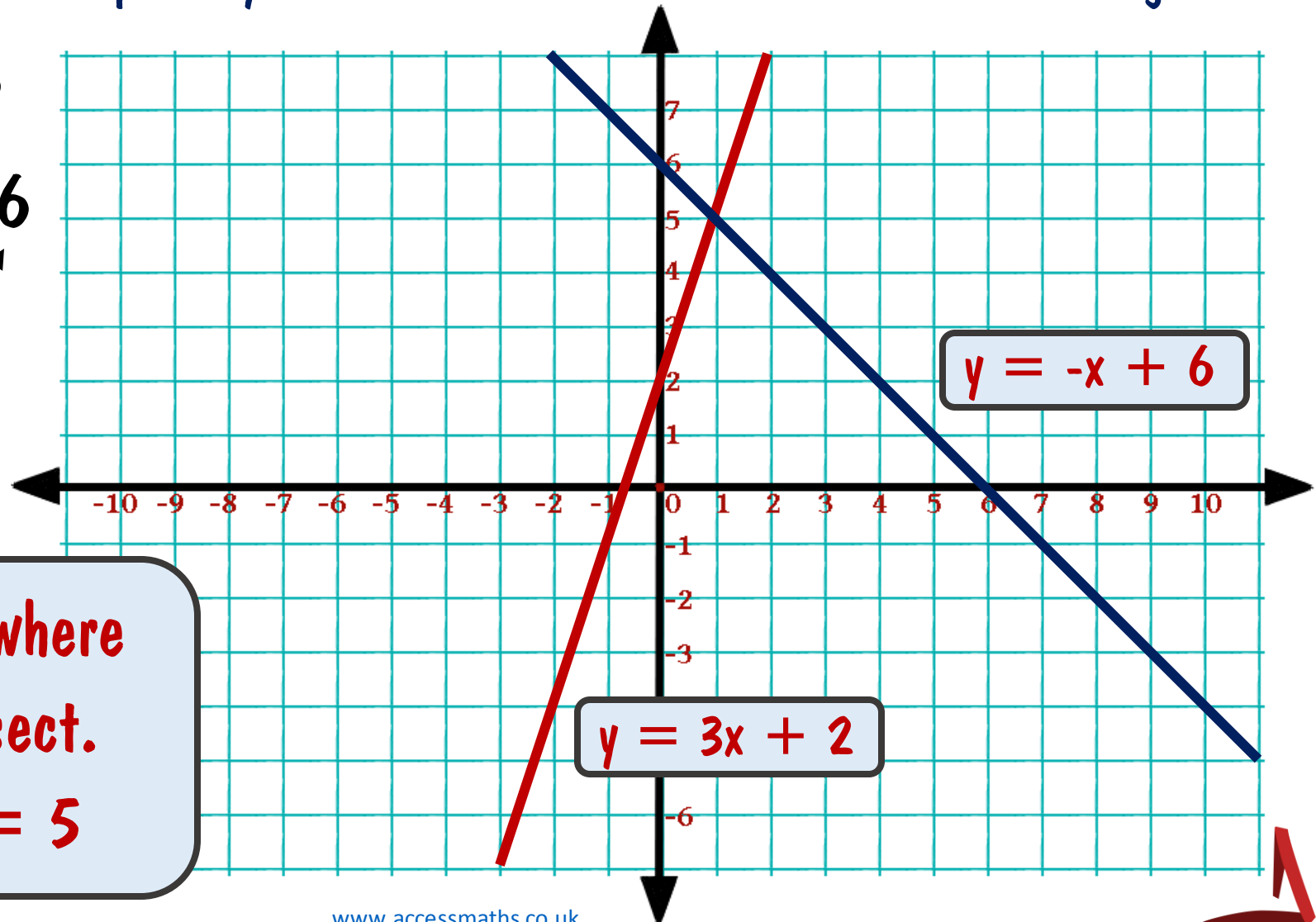
$$y + x = 6$$

$-x$

$$y = -x + 6$$

Gradient = -1

Y-intercept = 6



The solution is where
the lines intersect.
 $x = 1$ and $y = 5$

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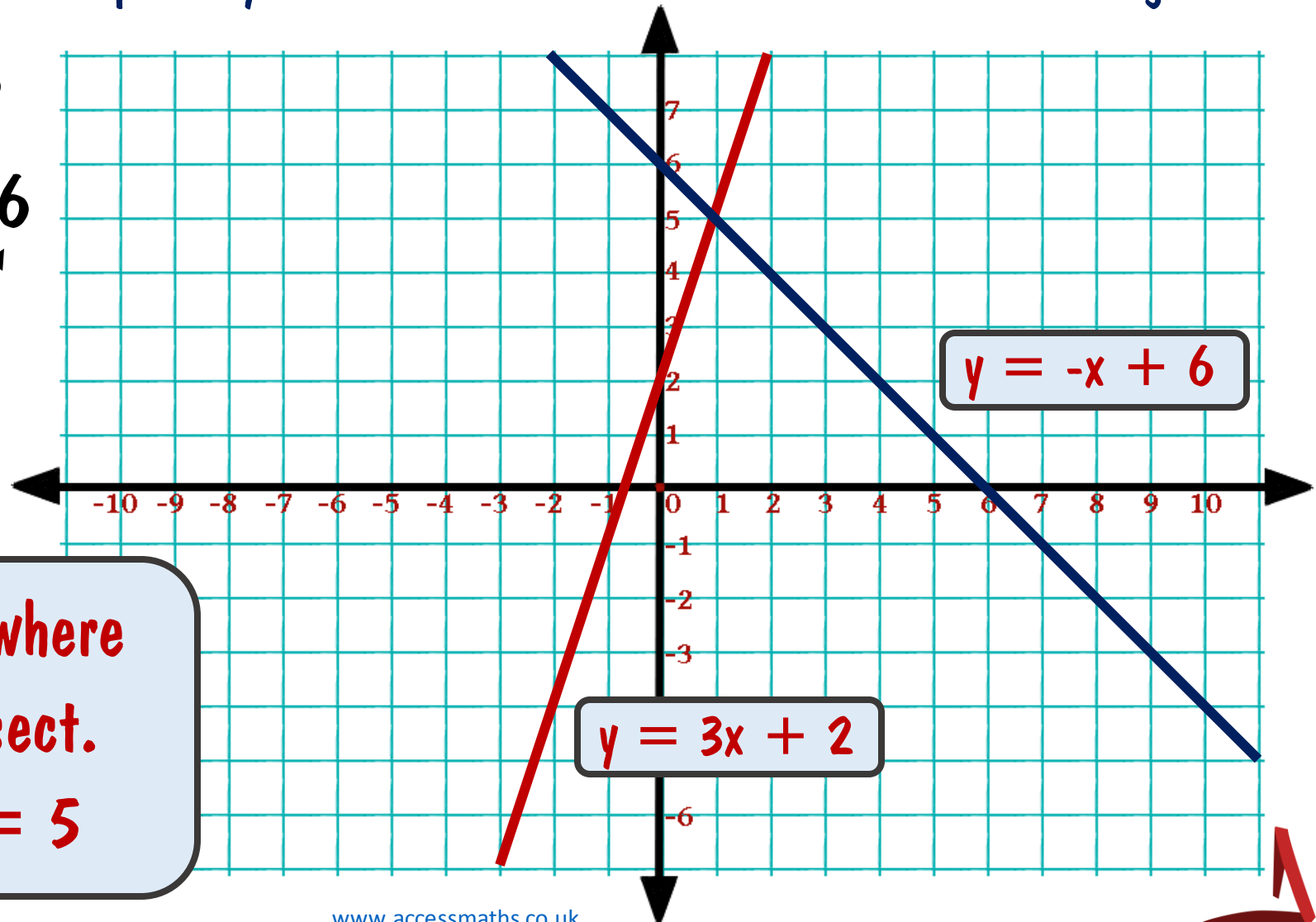
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