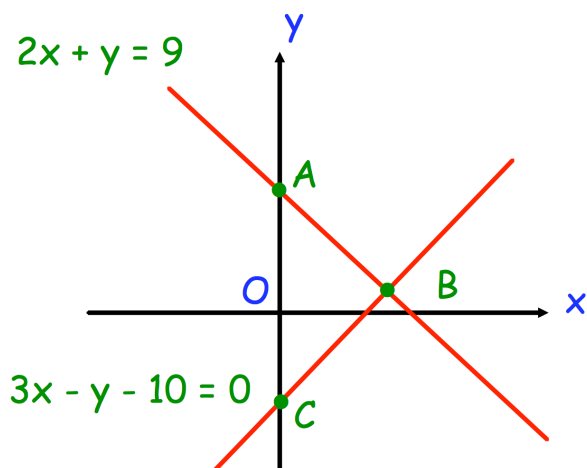


**5th August**

Corbettmaths

Solve  $2x^2 = 9x + 40$

Give your answers to 1 decimal place.

Find where the matrix  $\begin{pmatrix} 5 & -2 \\ -1 & 3 \end{pmatrix}$   
maps the point  $(-2, 7)$ 

Calculate the area of triangle ABC

$f(x) = x^2 + 5$

$g(x) = x - 8$

Solve  $fg(x) = gf(x)$