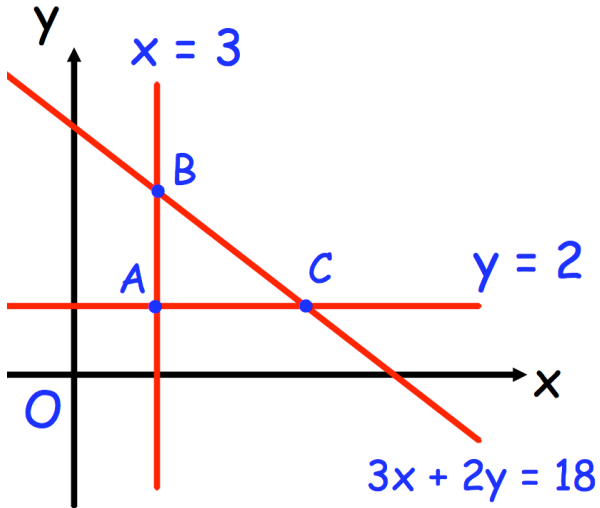


18th April

Corbettmaths

Shown below are the lines $x = 3$
 $y = 2$ and $3x + 2y = 18$

Find the area of triangle ABC



Solve $5\sin\theta = -4$
 for $0^\circ \leq \theta \leq 360^\circ$

Shape A maps to shape B by a rotation through 90° clockwise, centre the origin.

Shape B maps to shape C by an enlargement, scale factor 2, centre the origin.

Find the single transformation matrix that maps shape A to shape C.