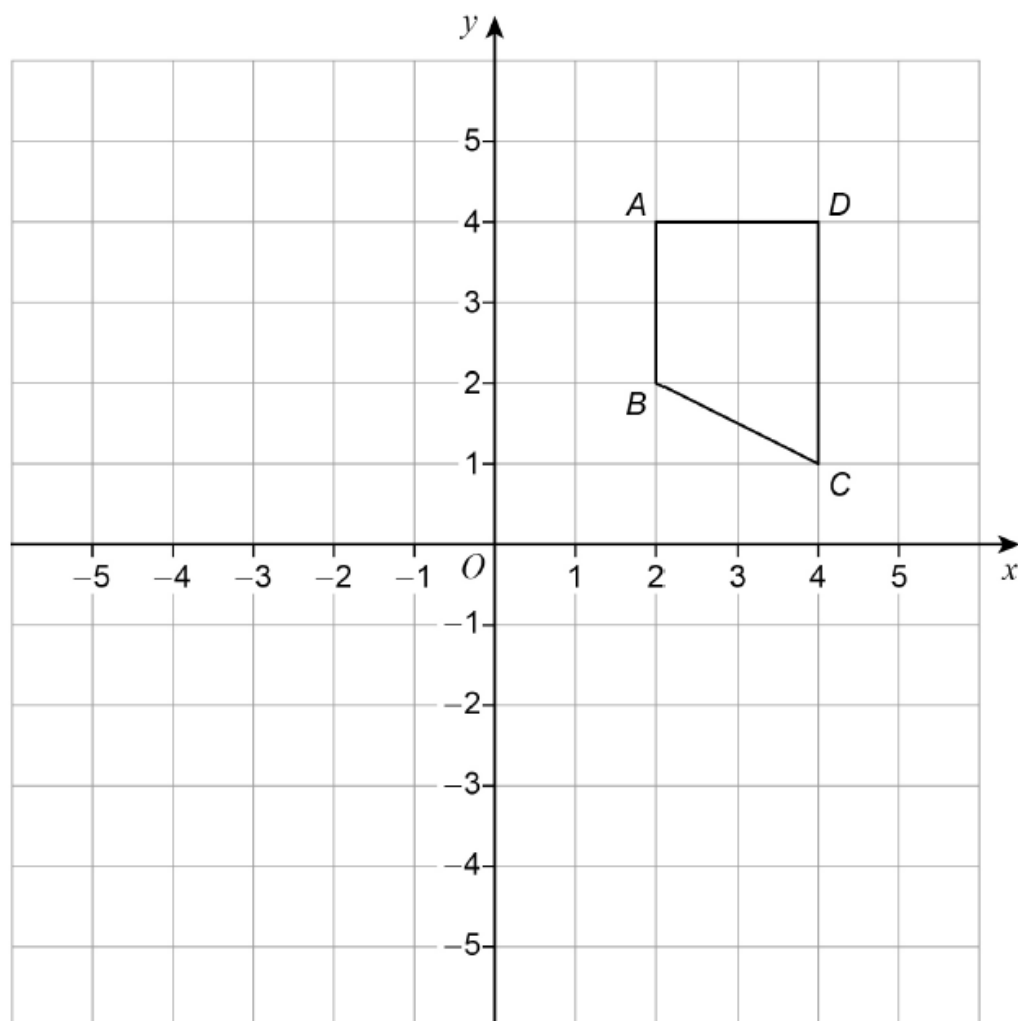


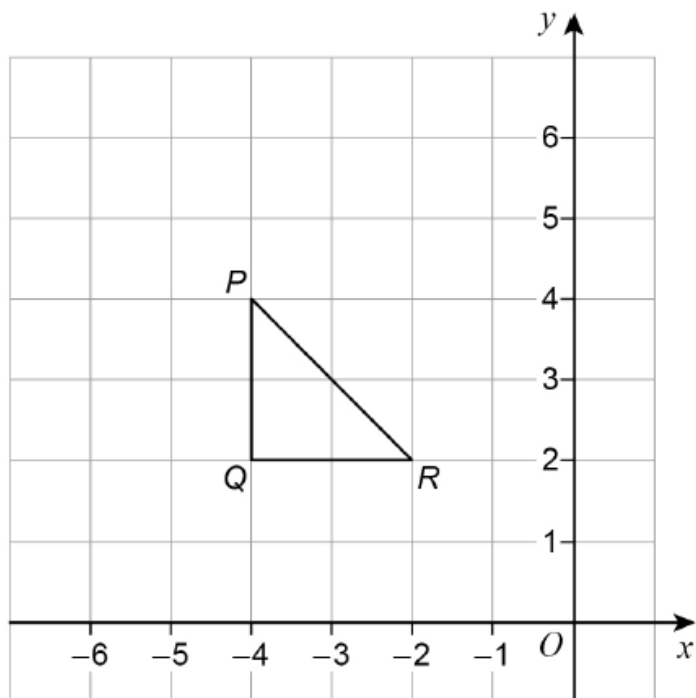
AQA – Vectors – GCSE Mathematics Papers-21. **May/2020/Paper_2H/No.24**Quadrilateral $ABCD$ is shown.

- (a) Work out the coordinates of C when $ABCD$ is rotated 90° clockwise about O then translated by $\begin{pmatrix} -6 \\ 2 \end{pmatrix}$

[2 marks]

Answer (_____ , _____)

(b) Triangle PQR is shown.



When PQR is reflected in a line, P and R are invariant points.

Circle the equation of the line.

[1 mark]

$y = x + 6$

$y = -x$

$y = 2$

$x = -4$

2. Nov/2019/Paper_2F/No.30

$$\mathbf{a} = \begin{pmatrix} 2 \\ 7 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} 5 \\ -2 \end{pmatrix}$$

Work out $3\mathbf{a} + \mathbf{b}$

[2 marks]

Answer

$$\left(\quad \right)$$