

**AQA – Vectors – GCSE Mathematics Vectors 1**

1. June/2021/Paper\_1H/No.17

Circle the vector that translates the point  $(-2, 7)$  to the point  $(3, -1)$ **[1 mark]**

$$\begin{pmatrix} 5 \\ -6 \end{pmatrix}$$

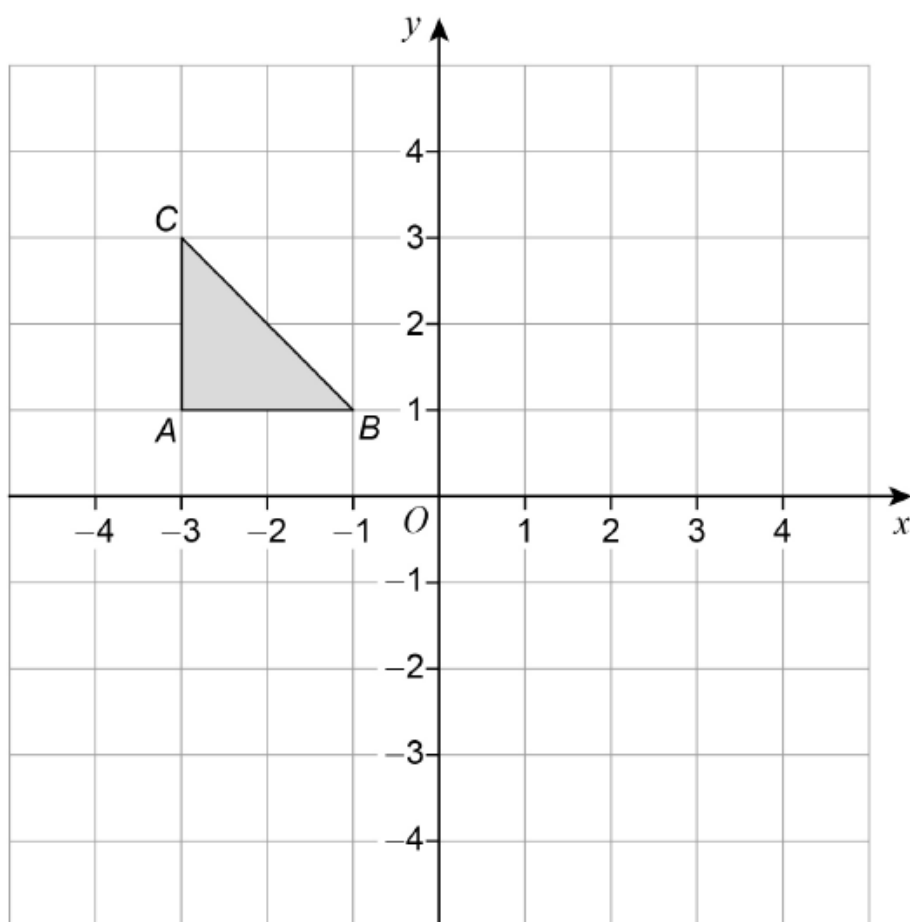
$$\begin{pmatrix} 5 \\ -8 \end{pmatrix}$$

$$\begin{pmatrix} -5 \\ 8 \end{pmatrix}$$

$$\begin{pmatrix} -5 \\ 6 \end{pmatrix}$$

2. June/2021/Paper\_1H/No.29

Here is triangle  $ABC$  on a grid.



Describe a **single** transformation of the triangle so that

point  $B$  is invariant

point  $A$  moves to  $(1, 1)$

point  $C$  moves to  $(1, -1)$

**[3 marks]**

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