



THIRD SPACE
LEARNING

GCSE Exam Questions

Translation | Geometry &
Measure

GCSE Exam Questions: Translation

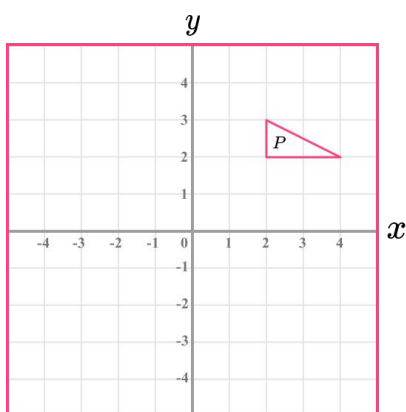
- 1) A shape is translated by the vector $\begin{pmatrix} -5 \\ 0 \end{pmatrix}$.

In which direction does the shape move? Circle your answer.

Up Down Left Right

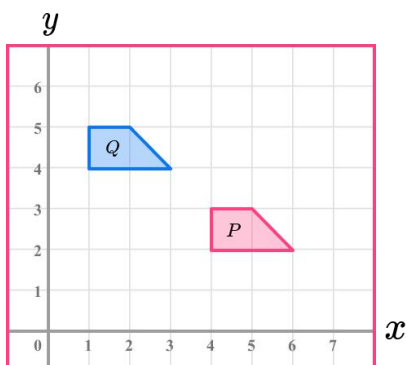
(1 mark)

- 2) Translate triangle P by the vector $\begin{pmatrix} -5 \\ -1 \end{pmatrix}$.



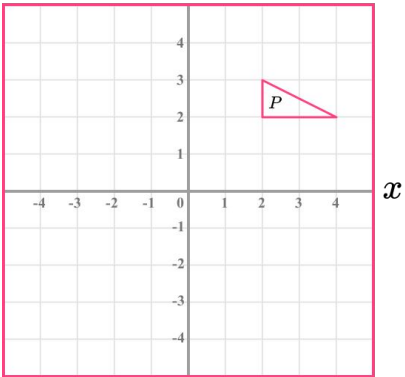
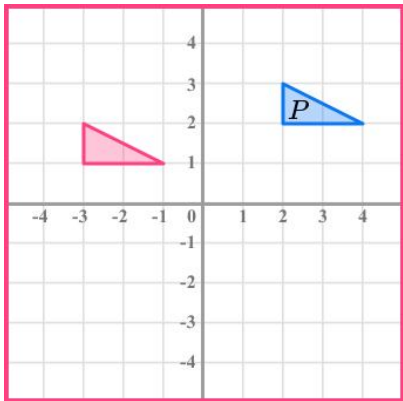
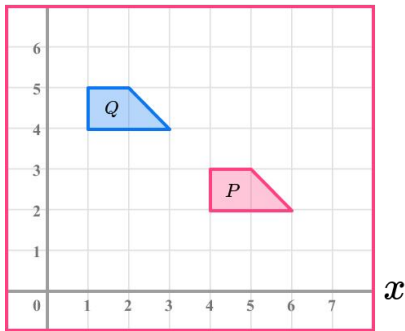
(2 marks)

- 3) Describe the single transformation that maps Shape P onto shape Q.



(2 marks)

GCSE Exam Questions: Translation Answers

	Question	Answer	Marks
1)	<p>A shape is translated by the vector $\begin{pmatrix} -5 \\ 0 \end{pmatrix}$.</p> <p>In which direction does the shape move?</p> <p>Circle your answer.</p> <p>Up Down Left Right</p>	Left	(1)
2)	<p>Translate triangle P by the vector $\begin{pmatrix} -5 \\ -1 \end{pmatrix}$.</p> 	 <p>At least one vertex correct Translation in the correct position</p>	(1) (1)
3)	<p>Describe the single transformation that maps Shape P onto shape Q.</p> 	<p>Translation</p> $\begin{pmatrix} -3 \\ 2 \end{pmatrix}$	(1) (1)

Where to go next?

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