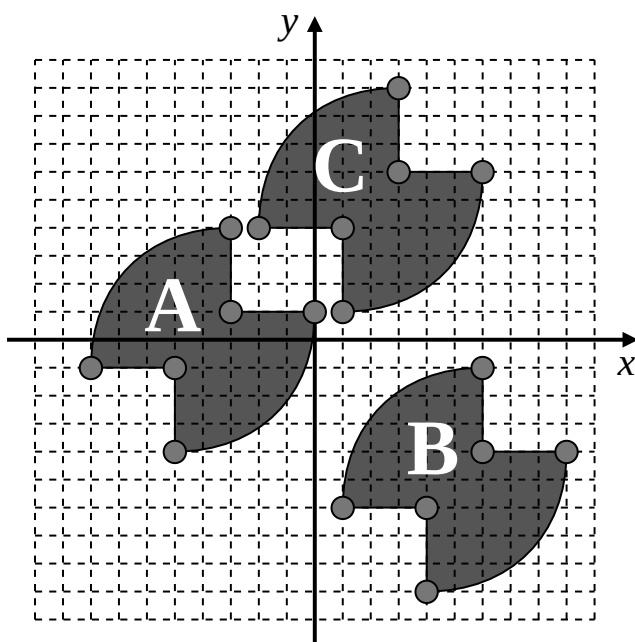


8.3 Answers

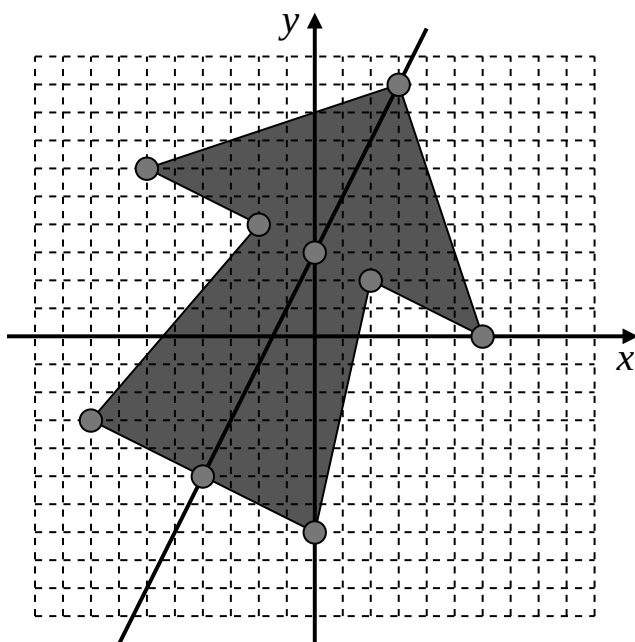
GCSE Mathematics Transformation Geometry

Answer 1



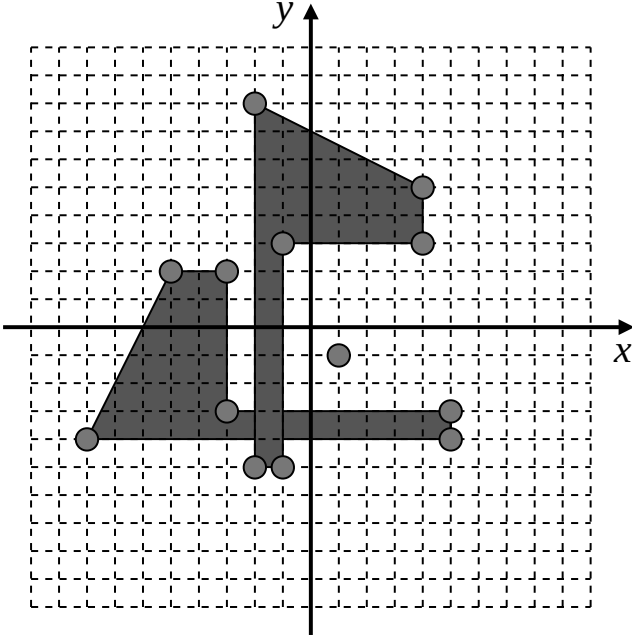
(b) $\begin{pmatrix} 9 \\ -5 \end{pmatrix}$

Answer 2

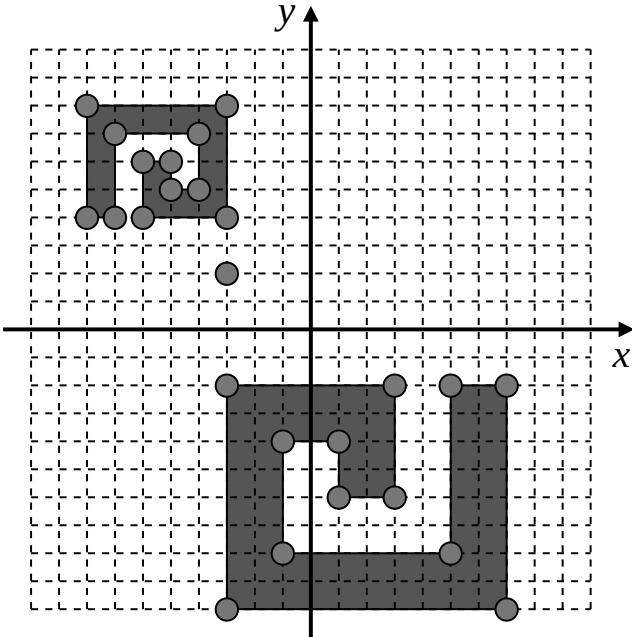


(b) $y = 2x + 3$

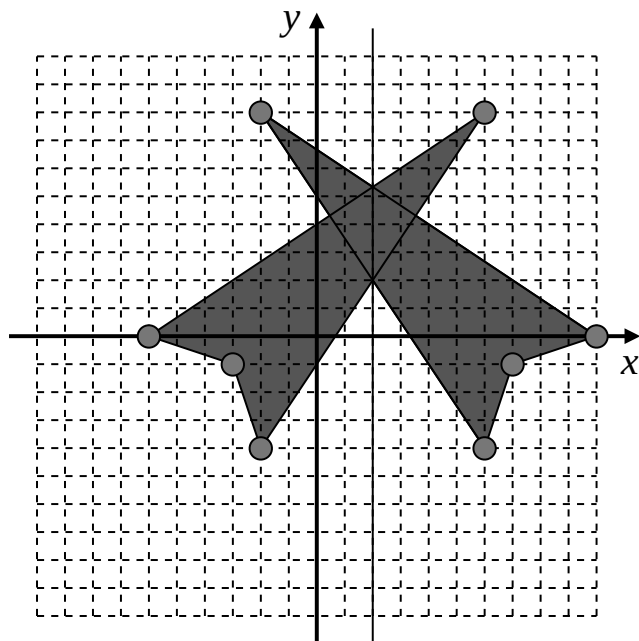
Answer 3



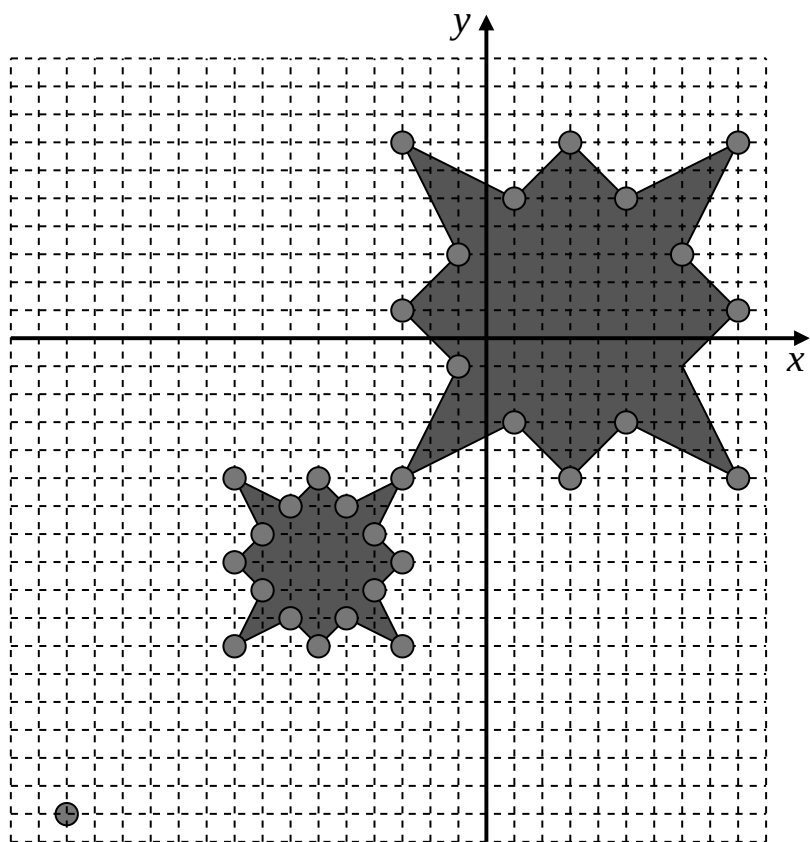
Answer 4



Answer 5

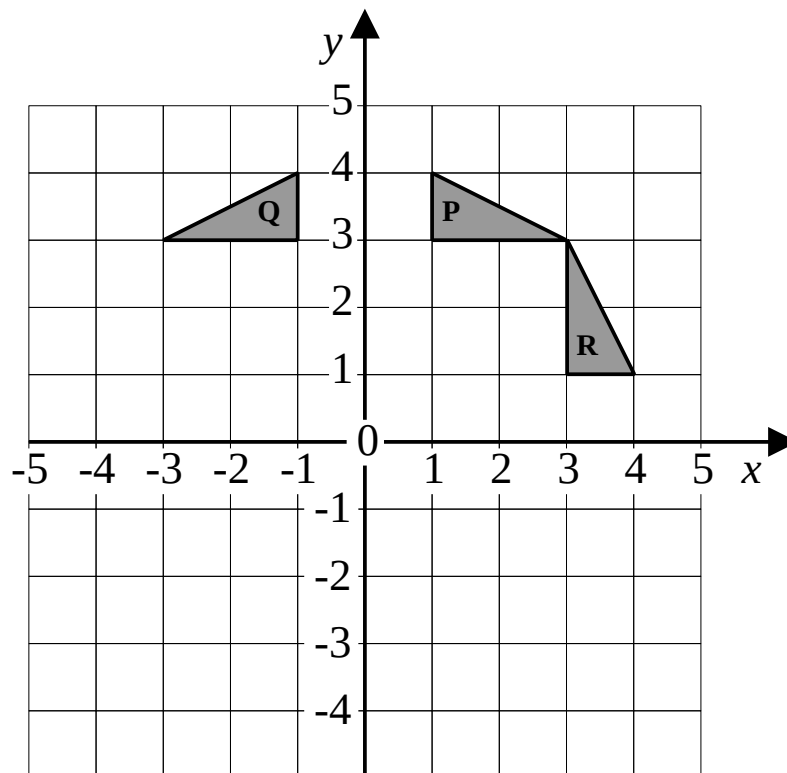


Answer 6



Answer 7

Reflection in the line $x = 4$.

Answer 8

Reflection in the line $y = x$.

Answer 9

(i) N S Z

(ii) F G J K L P Q R
L is debatable

Answer 10

(a) Translation of $\begin{pmatrix} -7 \\ -1 \end{pmatrix}$

(b) Rotation of 90° (90° anticlockwise) about $(0, 0)$.