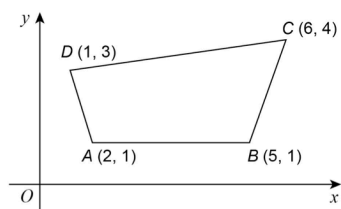


Q1. (2017)

26 (a) A sketch of a quadrilateral $ABCD$ is shown.



Not drawn accurately

$ABCD$ is enlarged, centre B , scale factor $\frac{1}{3}$

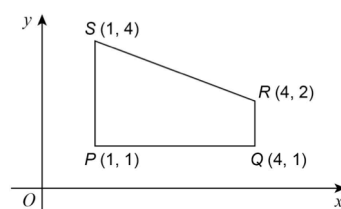
Circle the vertex that is invariant.

[1 mark]

A B C D

Q2. (2017)

26 (b) A sketch of a quadrilateral $PQRS$ is shown.



Not drawn accurately

$PQRS$ is reflected in the line $y = x$

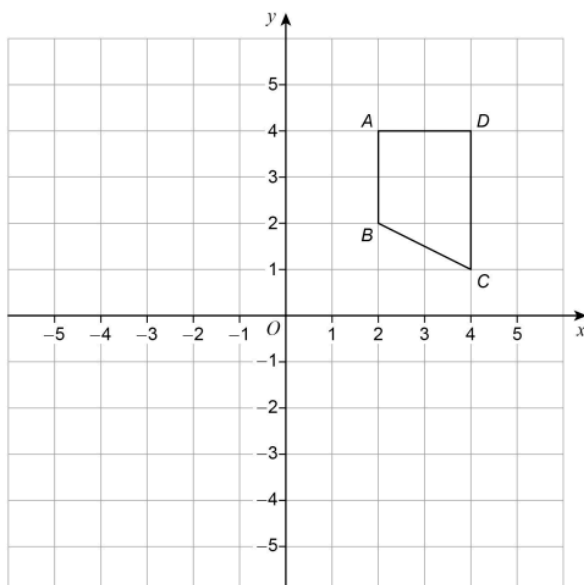
Circle the vertex that is invariant.

[1 mark]

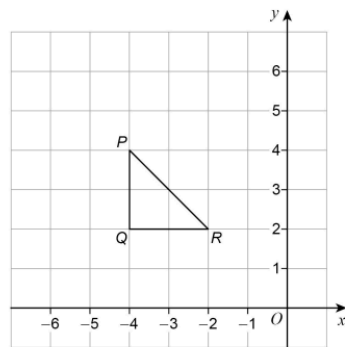
P Q R S

Q3. (2020)

24 Quadrilateral $ABCD$ is shown.



24 (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]

$y = x + 6$

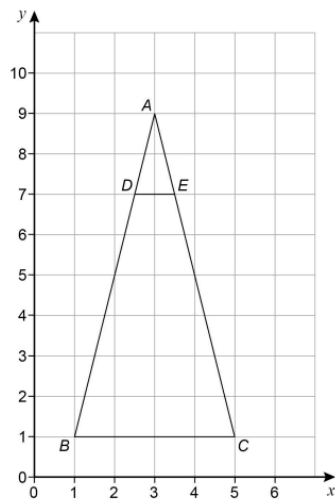
$y = -x$

$y = 2$

$x = -4$

Q4. (2021)

8



Describe fully the **single** transformation that maps triangle ABC to triangle ADE .

[3 marks]

Q5. (2023)

12 Show that these two rectangles are similar.

[2 marks]

Not drawn accurately

