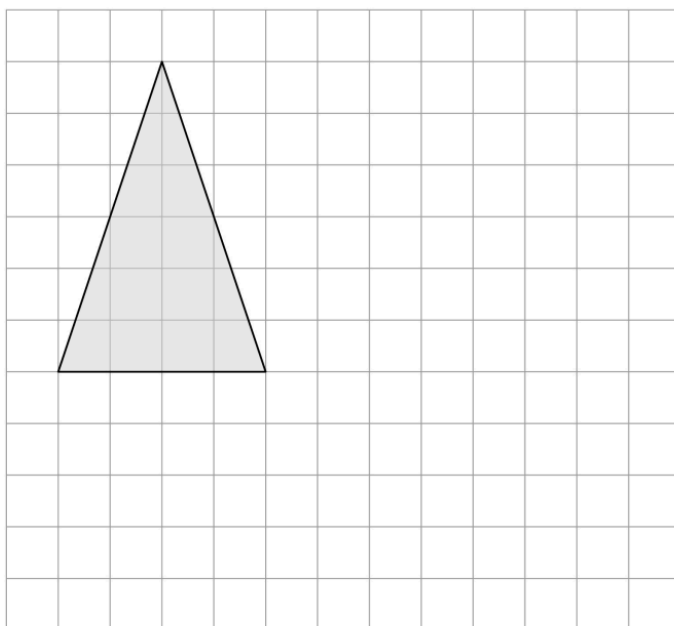


Q1. (2019)

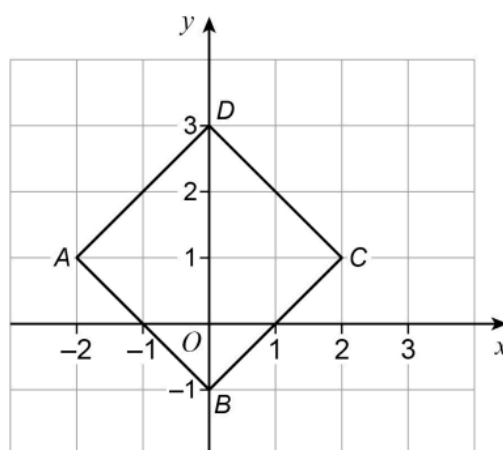
- 5 On the grid, draw an enlargement of the triangle with scale factor $\frac{1}{2}$

[2 marks]



Q2. (2019)

- 25 *ABCD* is a square.
A is $(-2, 1)$ *B* is $(0, -1)$ *C* is $(2, 1)$ *D* is $(0, 3)$



- 25 (a) A **single** transformation of *ABCD* is such that
B is mapped to *D*
D is mapped to *B*
A and *C* are invariant points.

Describe fully the transformation.

[2 marks]

Q3. (2019)

25 (b) A different **single** transformation of $ABCD$ is such that

B is mapped to D

D is mapped to B

the only invariant point is $(0, 1)$

Describe fully the transformation.

[3 marks]
