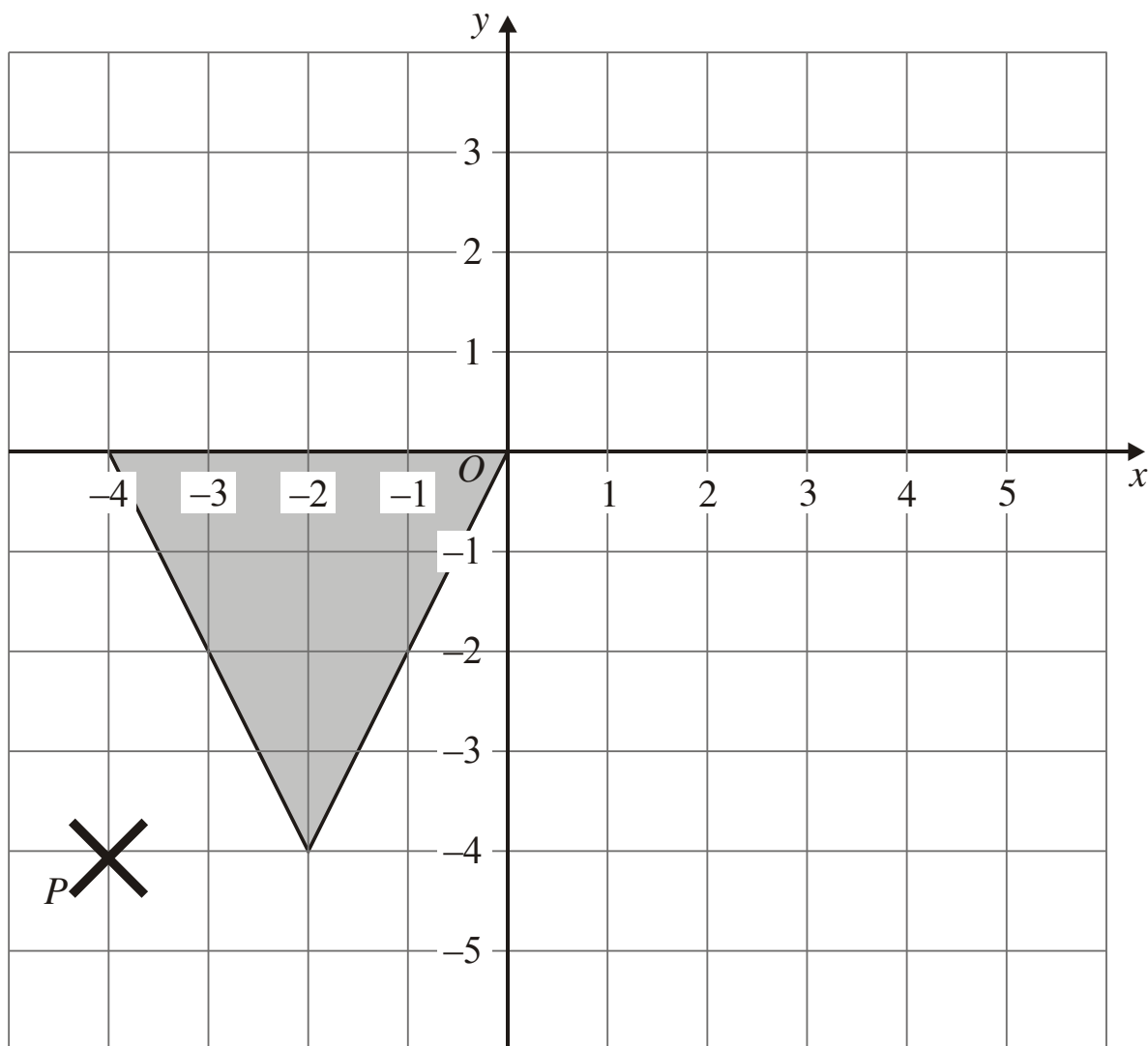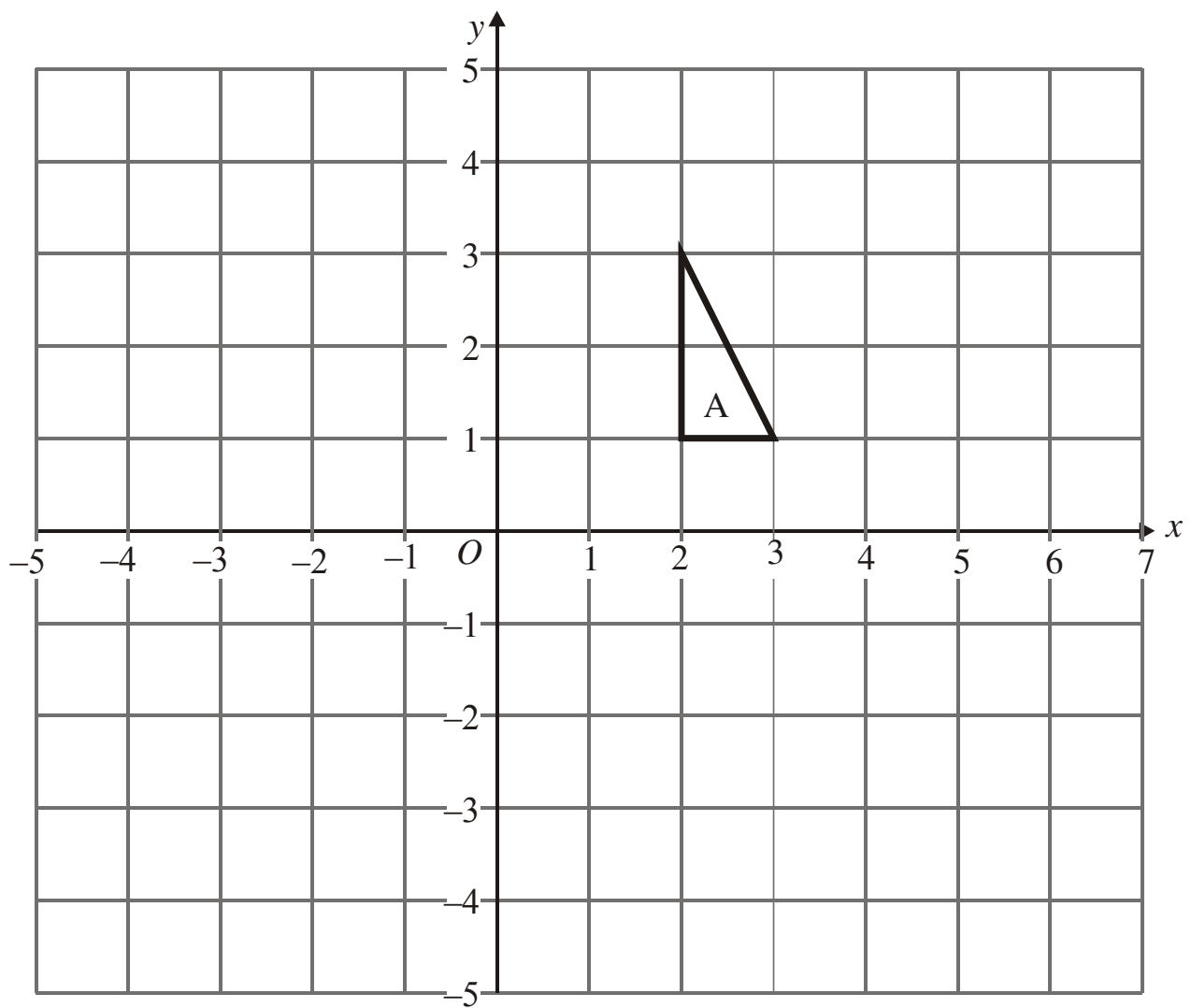**1.**

Enlarge the shaded triangle by a scale factor $1\frac{1}{2}$, centre P.

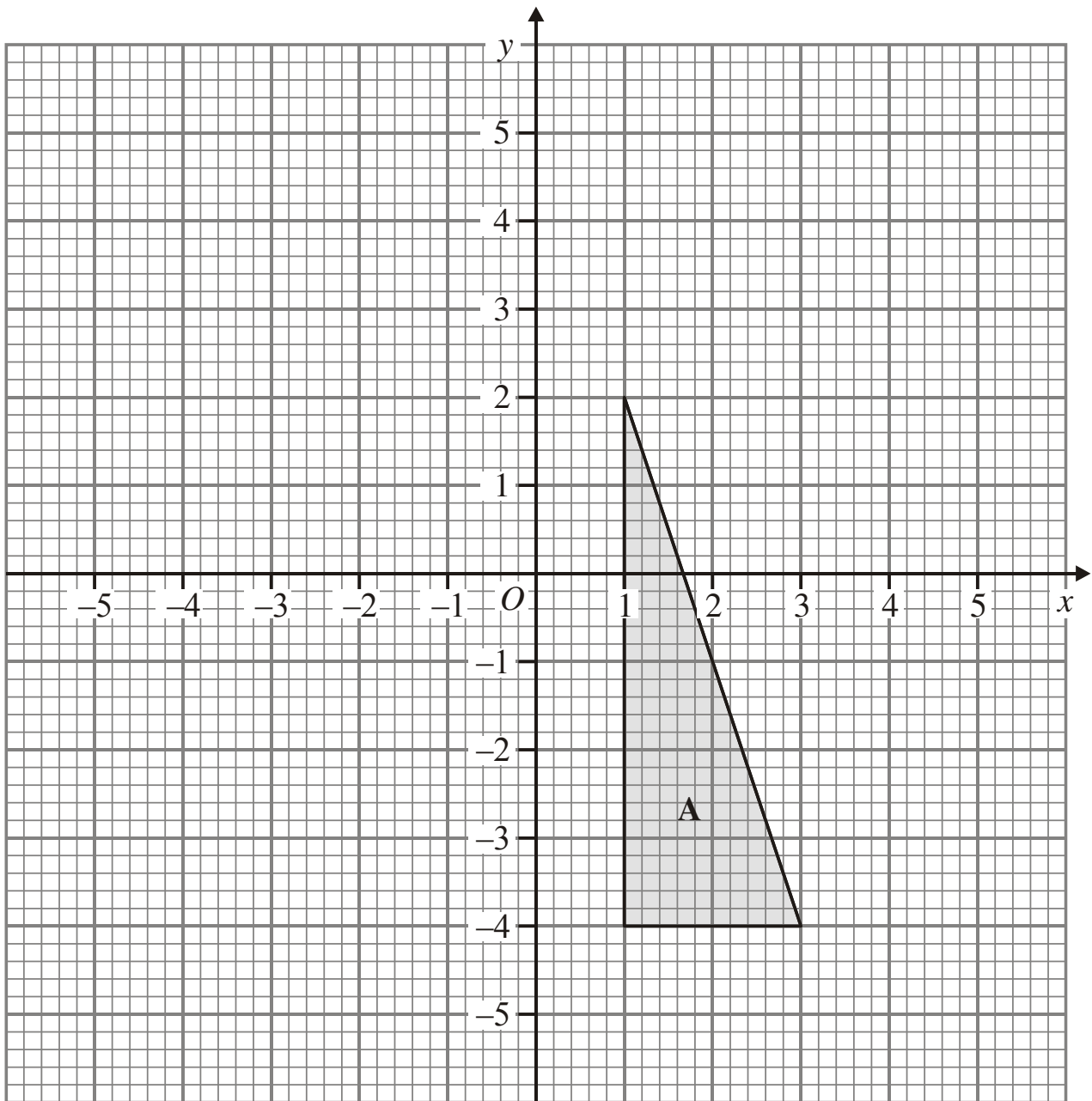**(Total 3 marks)**

2.

Enlarge triangle **A** by scale factor $-1\frac{1}{2}$, centre O.
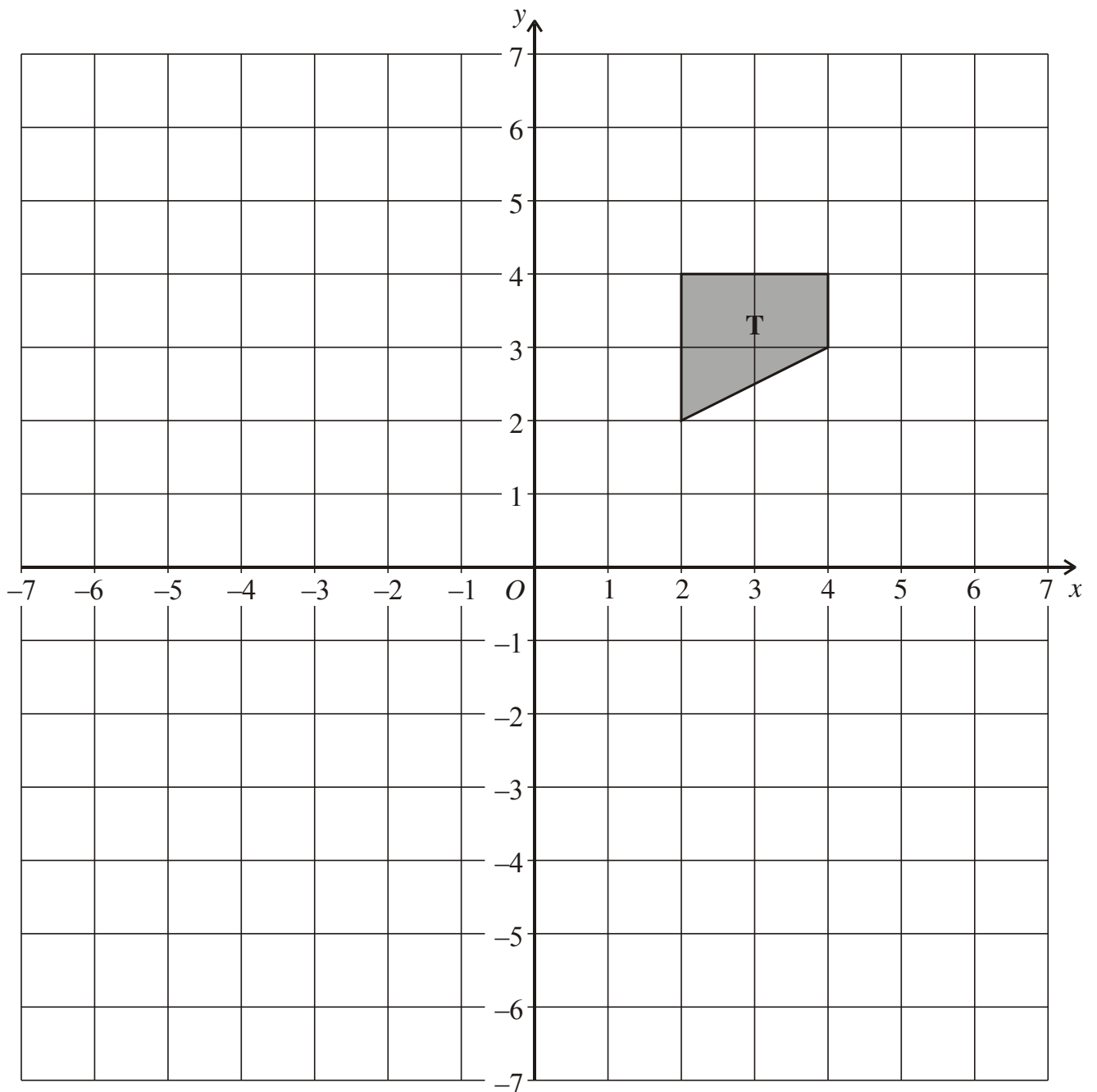
(Total 3 marks)

3.

Enlarge triangle **A** by scale factor $-\dfrac{1}{2}$, centre (–1, –2).

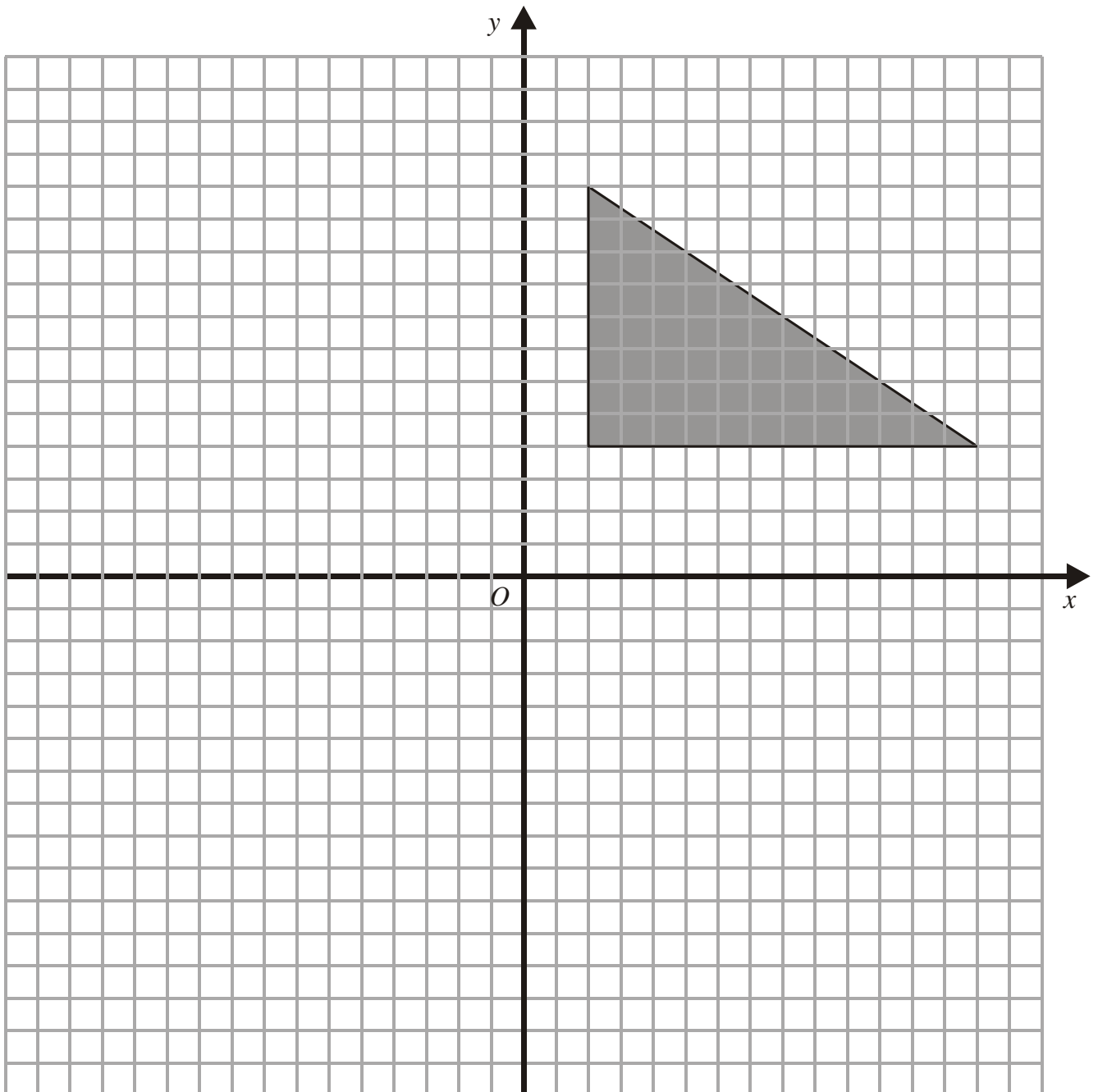Label your triangle **B**.

(Total 3 marks)

4.

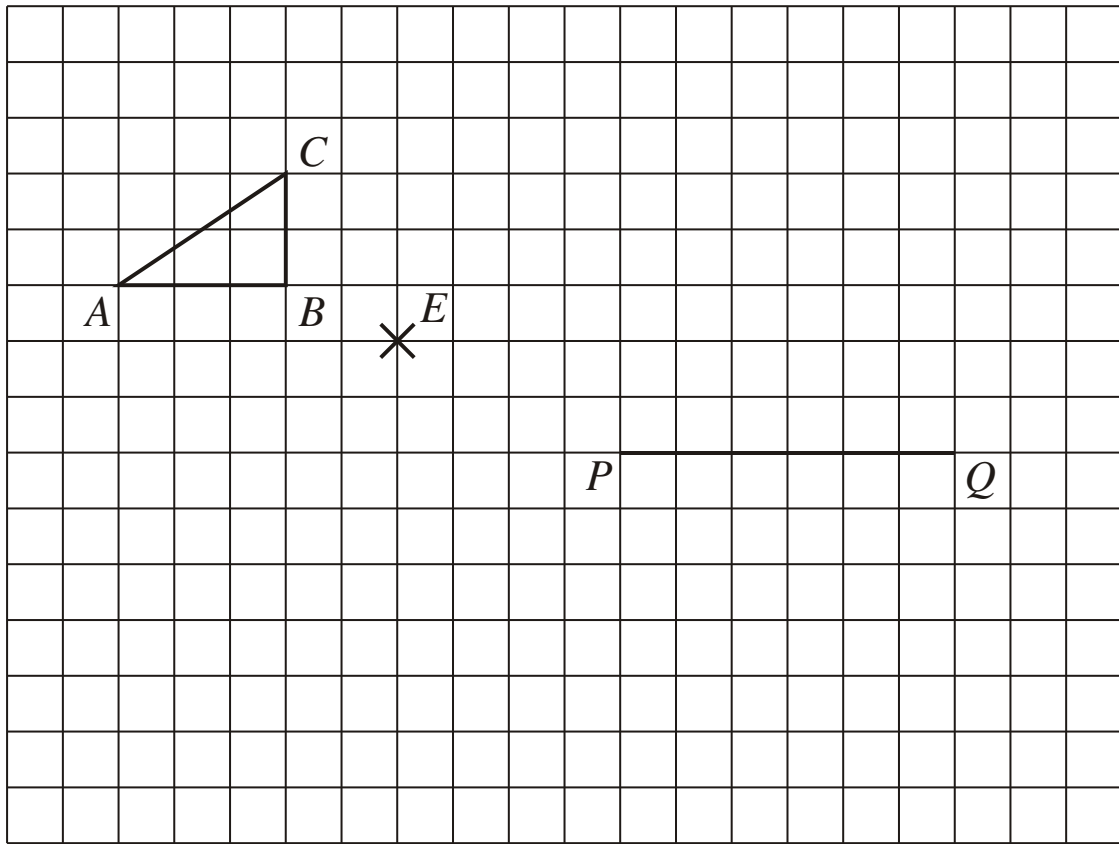Enlarge shape **T** with scale factor −1.5, centre (0, 2).

(Total 3 marks)

5.

Enlarge the triangle by a scale factor of $-\dfrac{1}{2}$, centre O

(Total 2 marks)

6. The triangle *ABC* is to be enlarged, using *E* as the centre, to give the triangle *PQR*. The line *PQ* is the image of the line *BA*.
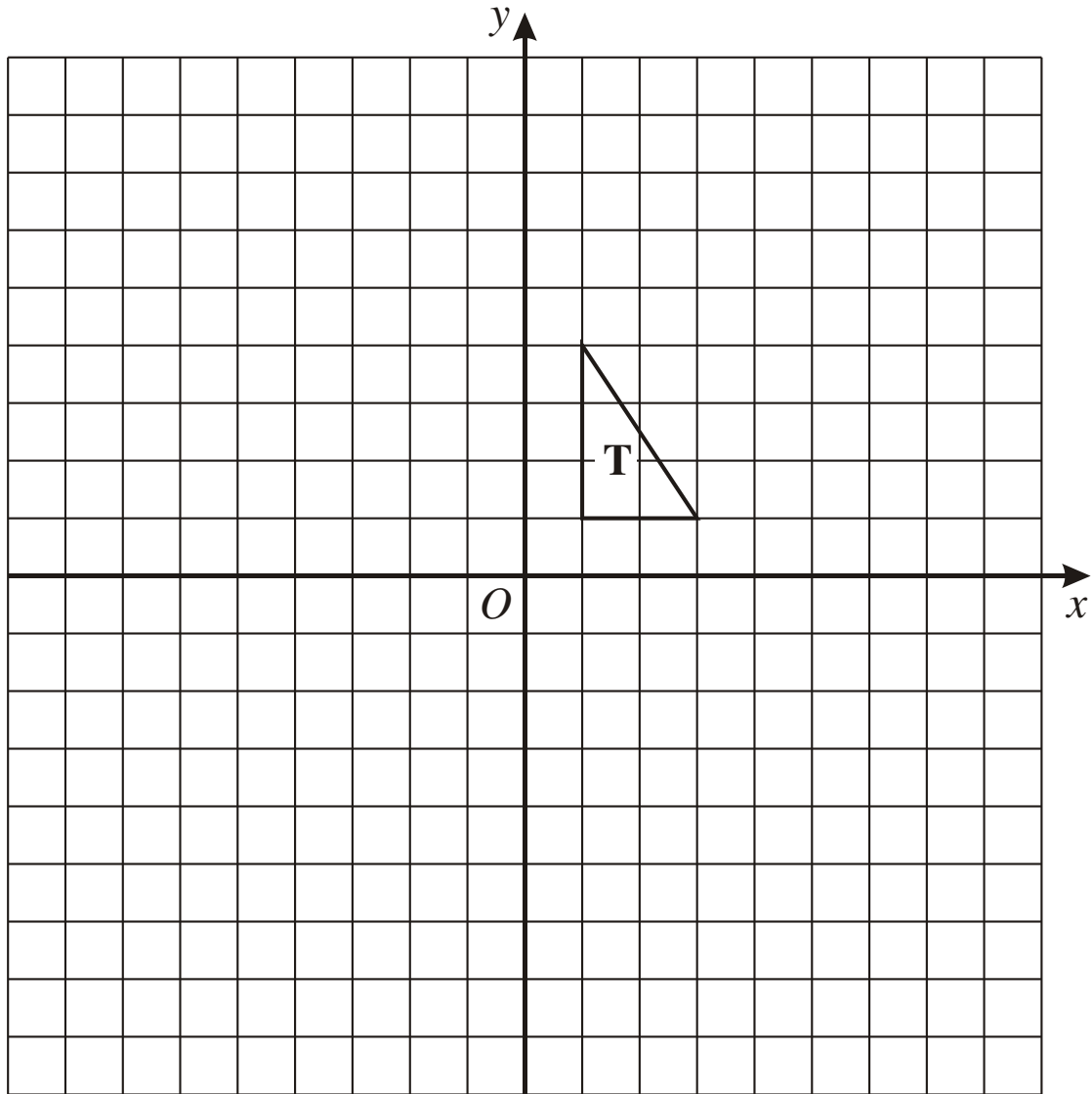

(a) Write down the scale factor of the enlargement.

………………………….

(1)

(b) Complete the triangle *PQR*.

(1)

(Total 2 marks)

7.

Enlarge triangle **T**, scale factor –2, centre *O*.

(Total 2 marks)