

Surname	
Other Names	
Candidate's Signature	

GCSE 9 - 1 Questions

Enlargement

Calculator Not Allowed

INSTRUCTIONS TO CANDIDATES

Write your name in the space provided.

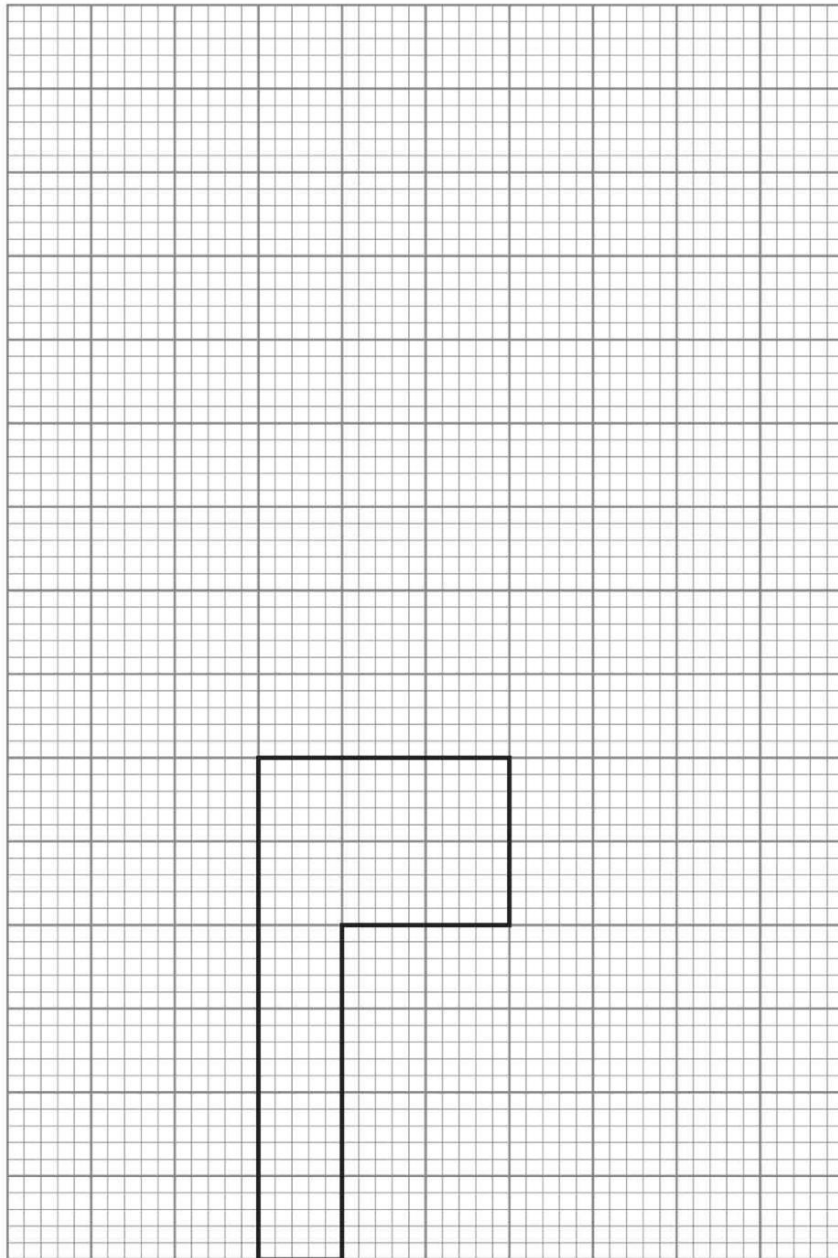
Write your answers in the spaces provided in this question paper.

Answer ALL questions.

Any working should be clearly shown in the spaces provided since marks may be awarded for partially correct solutions.

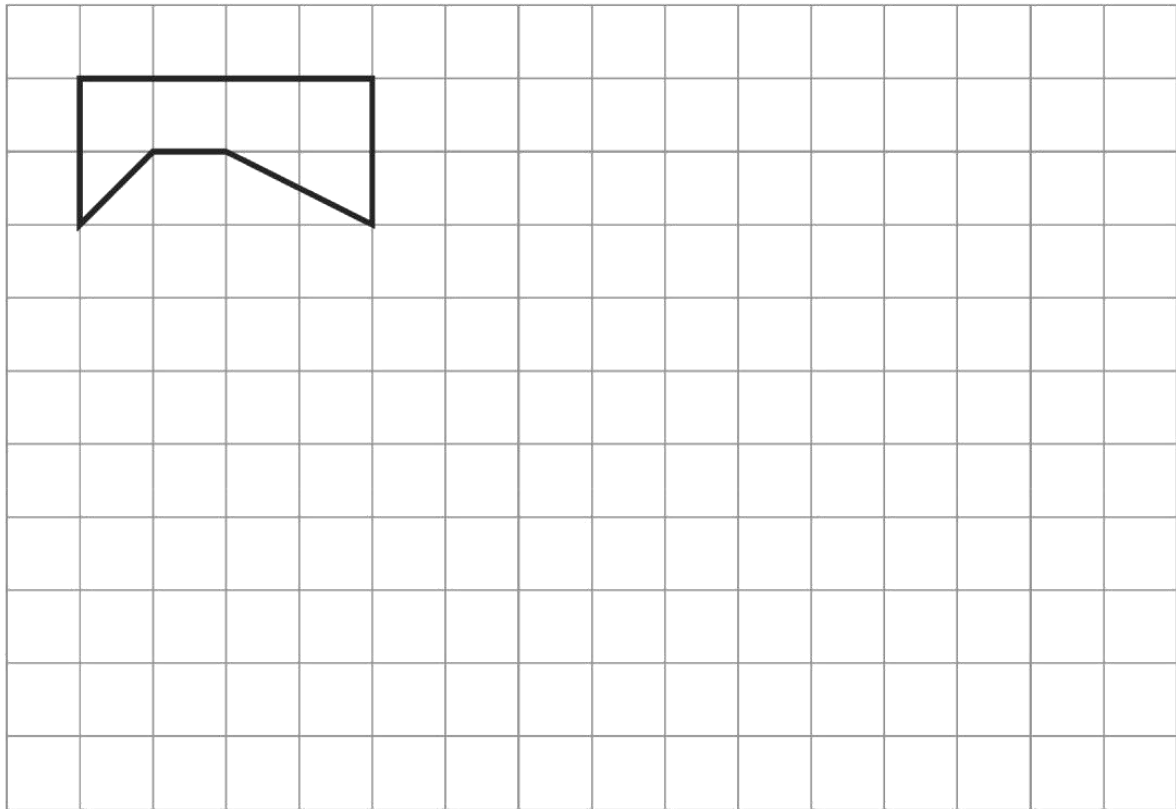
Total Marks :

- 1) Enlarge the shape below using a scale factor of 2

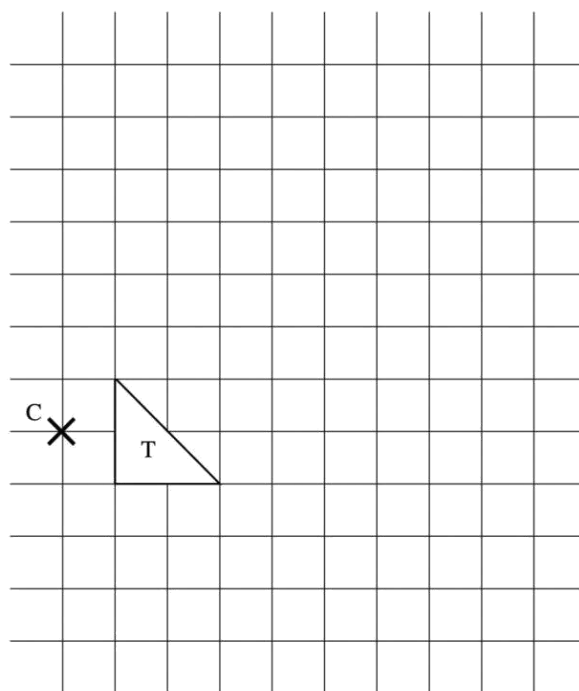


[2]

- 2) On the grid below, draw an enlargement of the given shape, using a scale factor of 3. [2]



- 3)

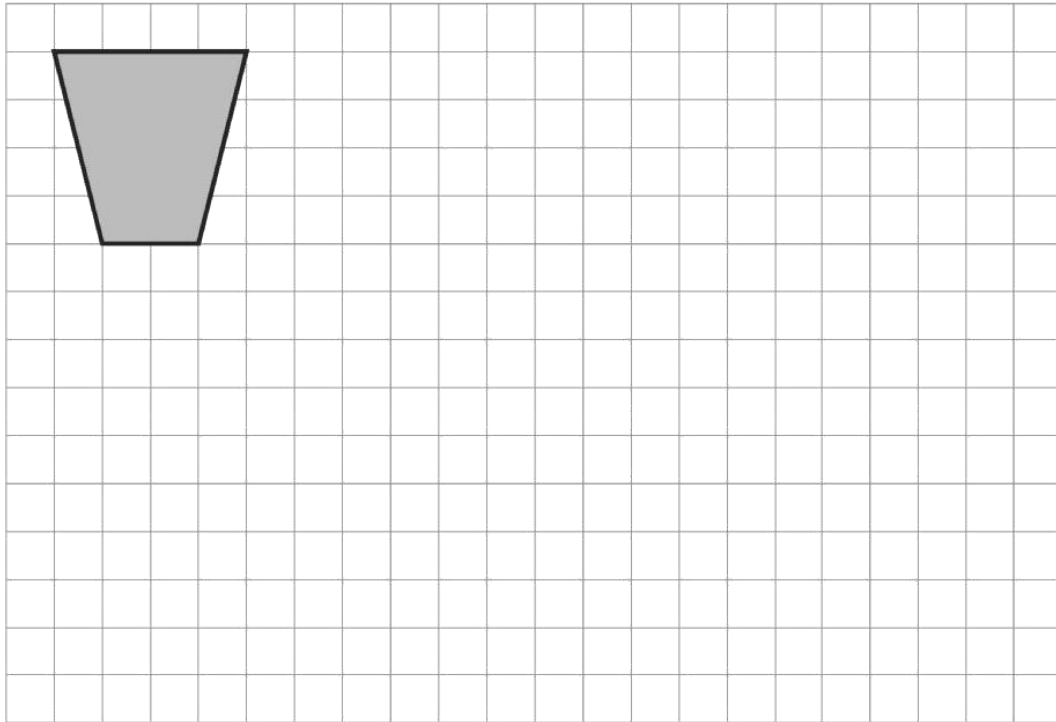


Enlarge triangle T by a scale factor of 3 with centre of enlargement C.

[3]

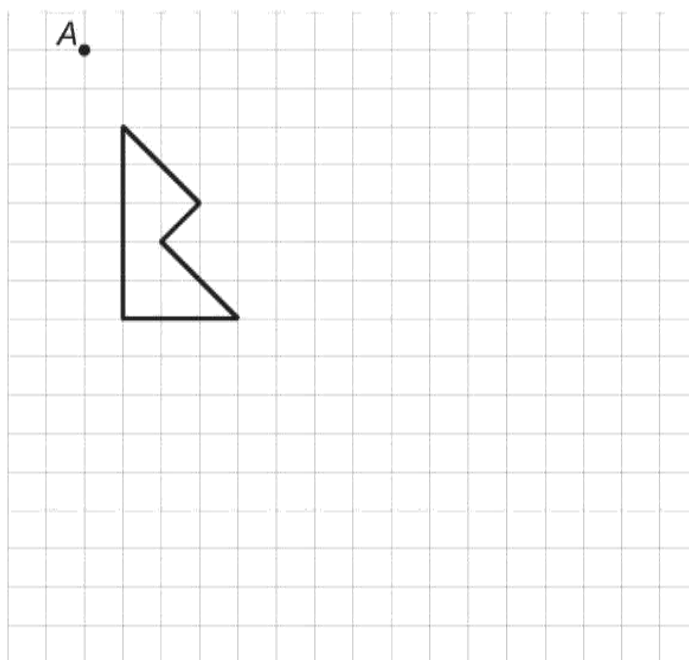
- 4) Enlarge the following shape by a scale factor of 2.

[2]



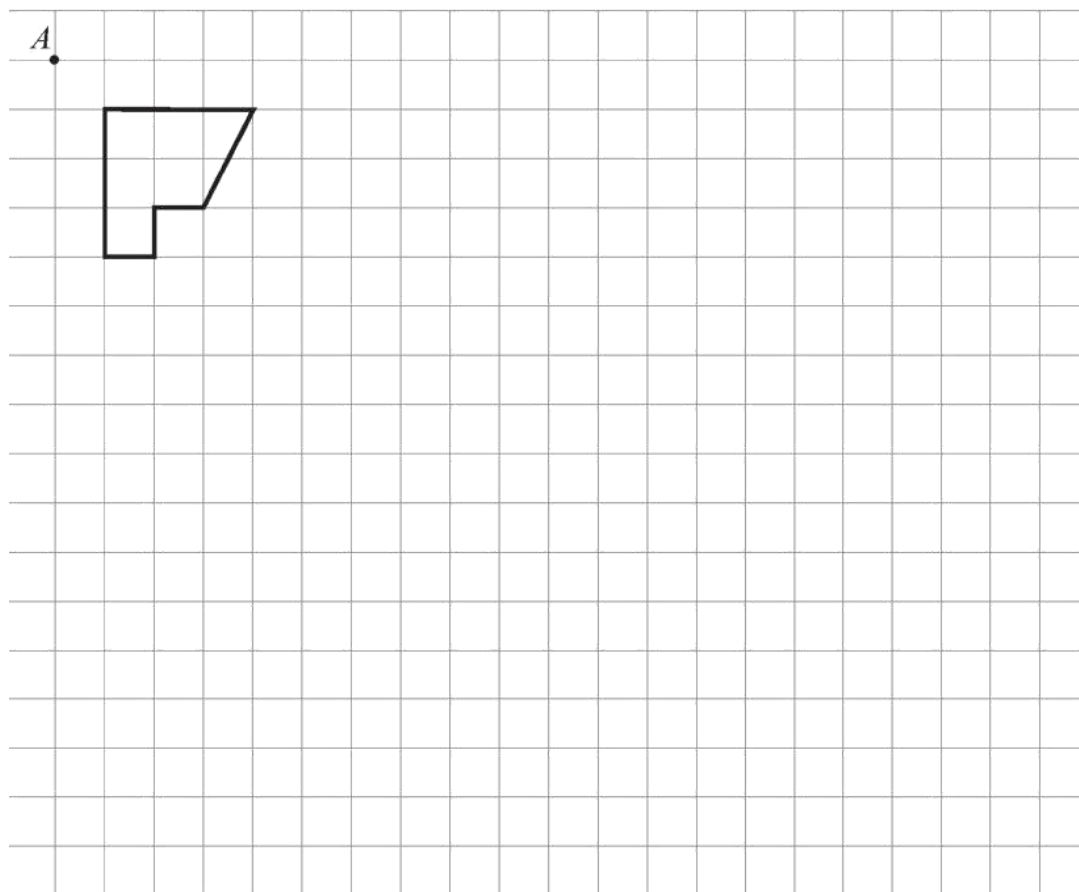
- 5) Enlarge the shape shown on the grid by a scale factor of 2, using A as the centre of enlargement.

[3]



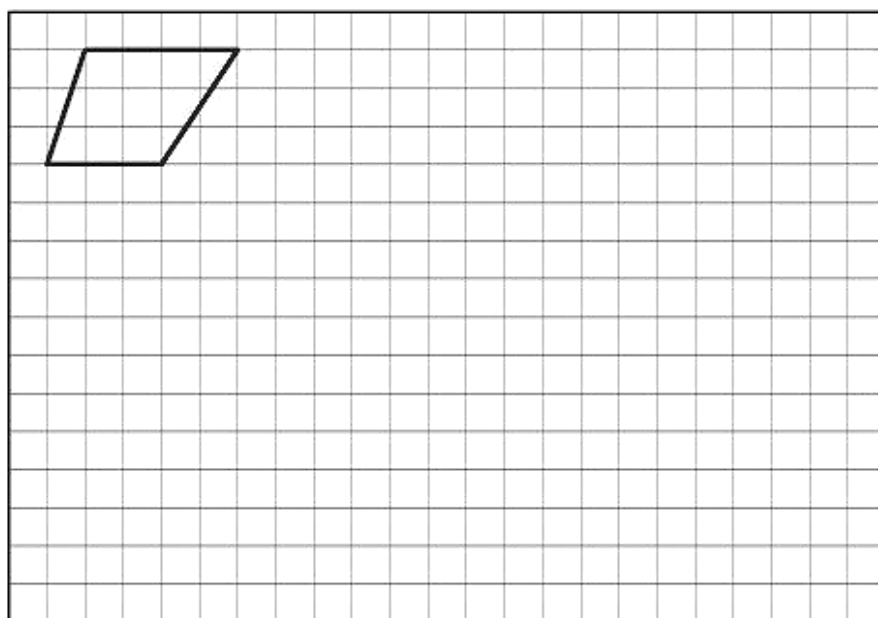
- 6) On the grid below, draw the enlargement of the given shape, using a scale factor of 3 and centre A .

[3]



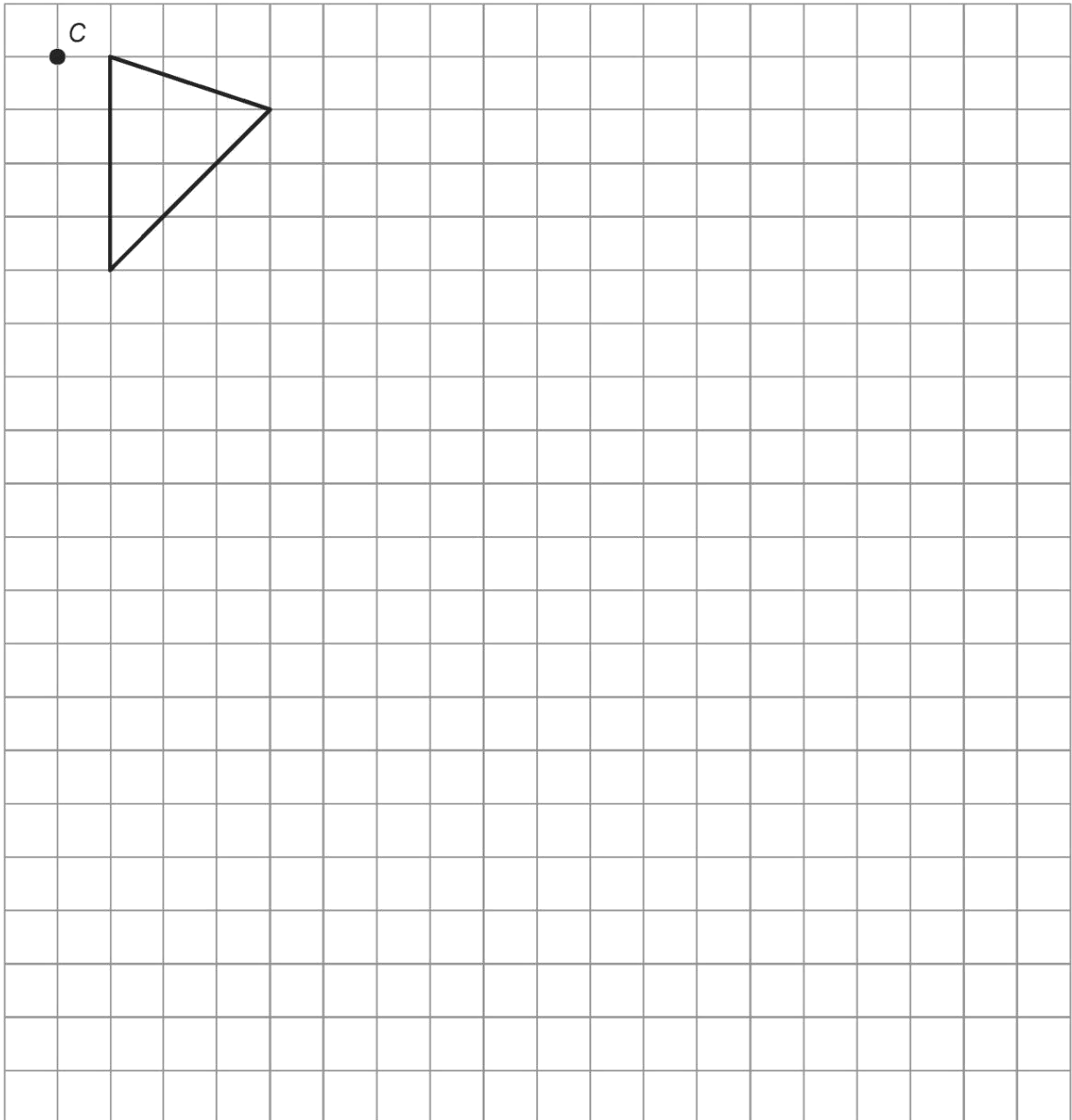
- 7) Enlarge the following shape by a scale factor of 3.

[2]



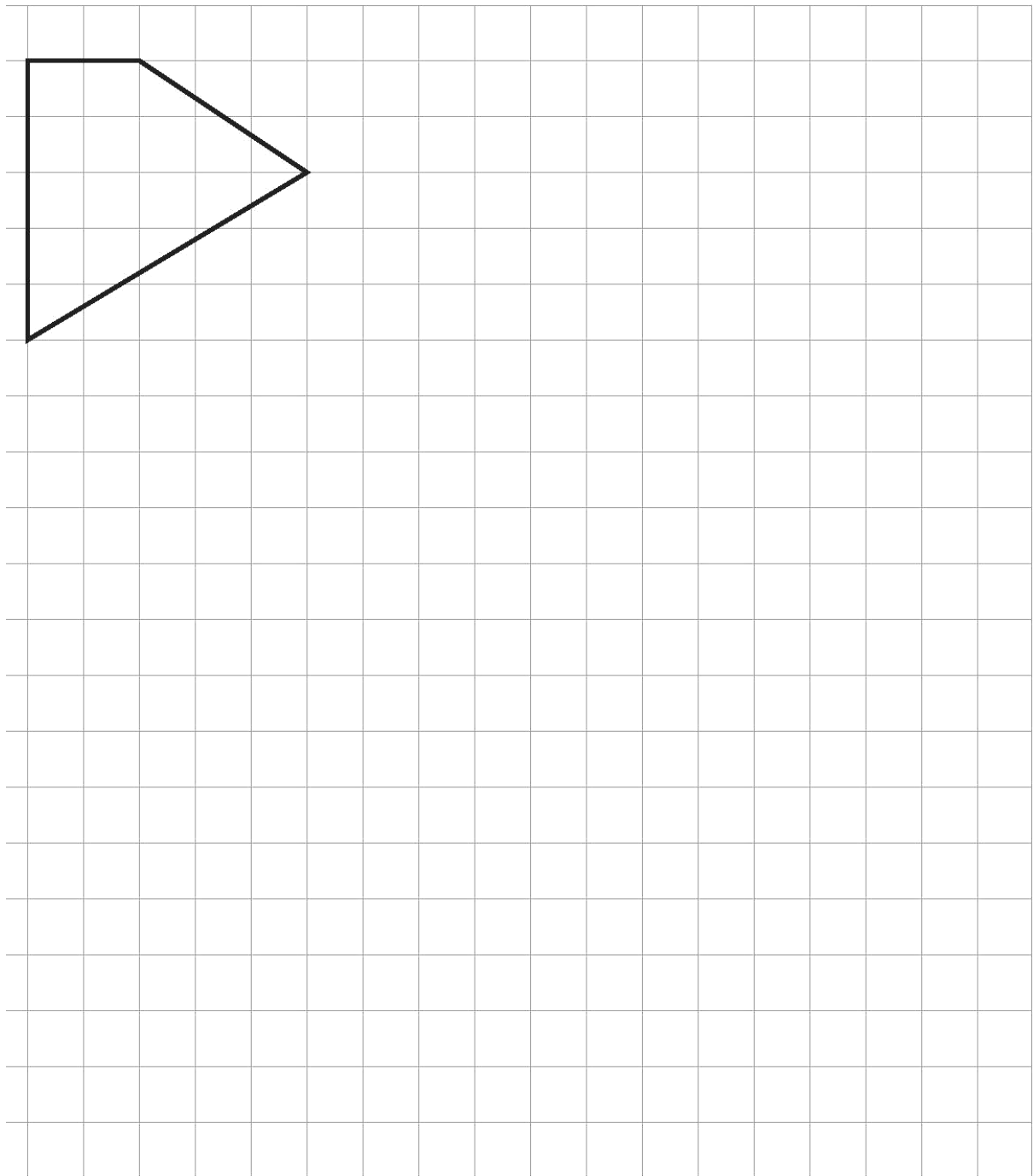
8) Enlarge the given triangle, using scale factor 3 and centre C.

[2]

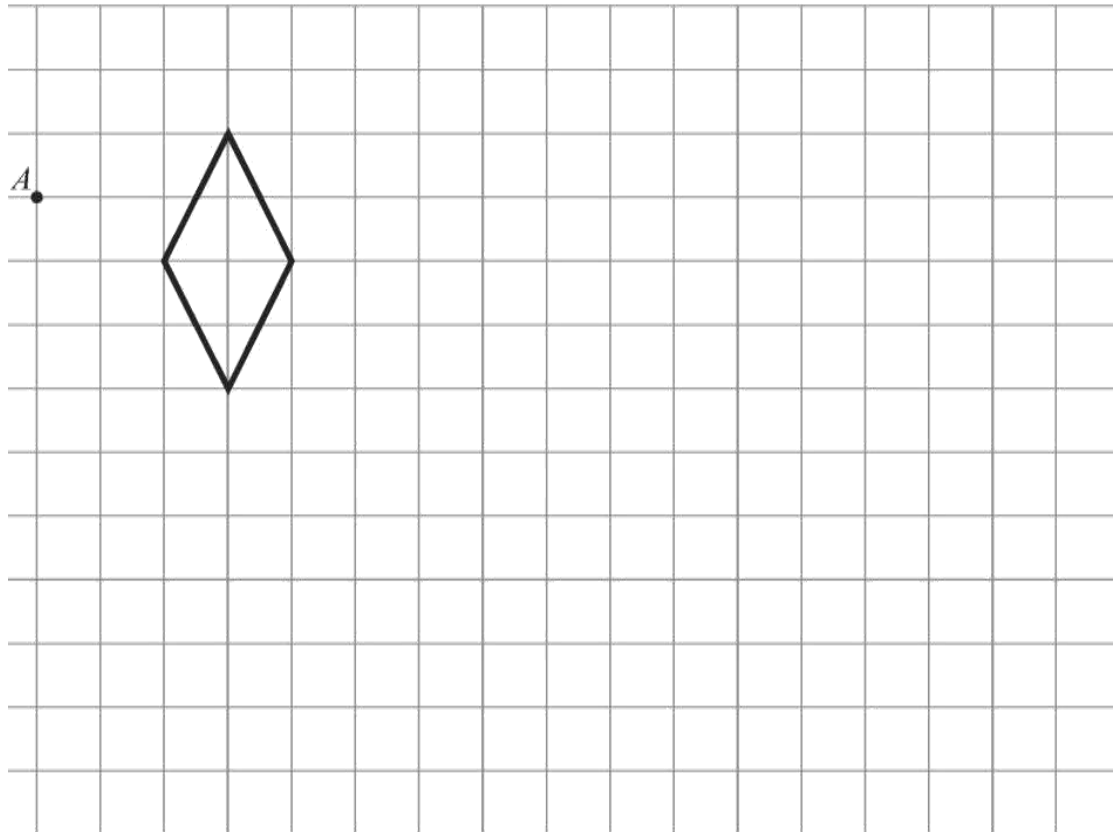


9) Enlarge the following shape by a scale factor of 2.

[2]

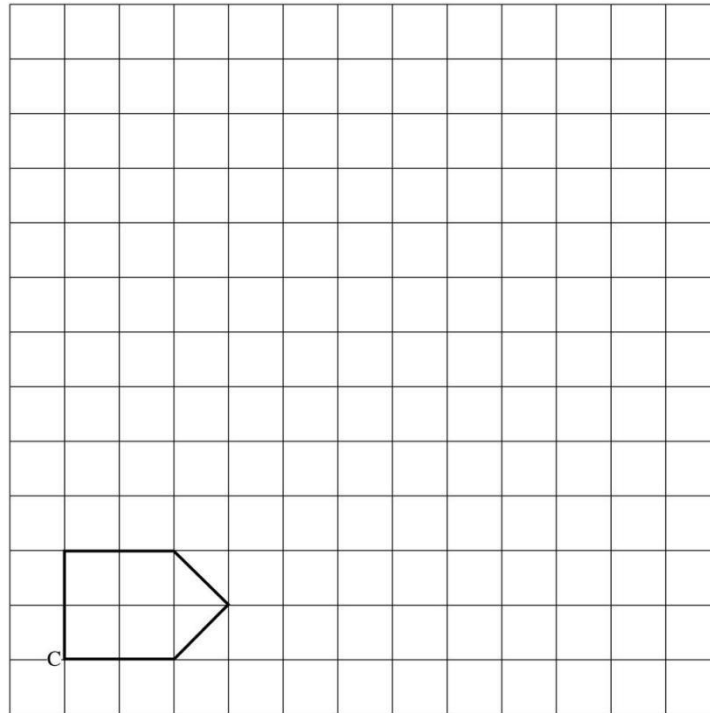


- 10) Enlarge the shape shown on the grid below by a scale factor of 2 using A as the centre of enlargement.



[3]

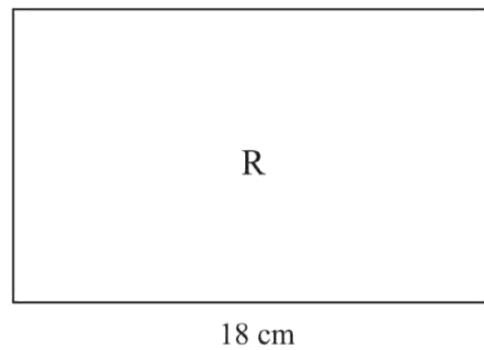
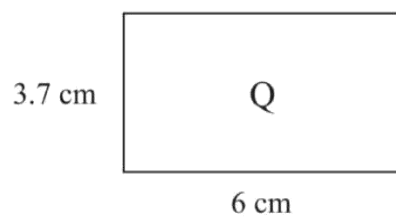
11)



Enlarge the shape by scale factor 4, centre C, on the grid.

[2]

12)



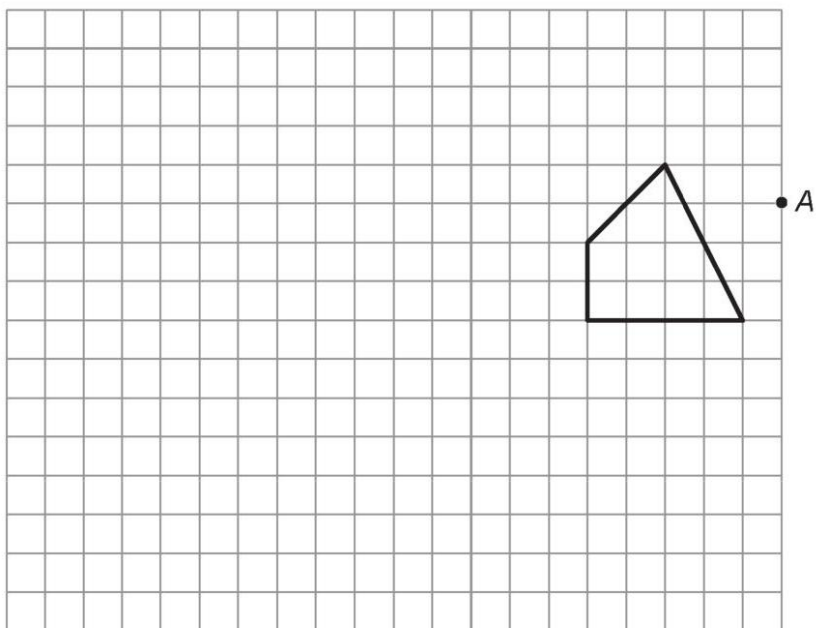
The diagram shows two rectangles. (Not drawn accurately)

Rectangle R is an enlargement of rectangle Q.

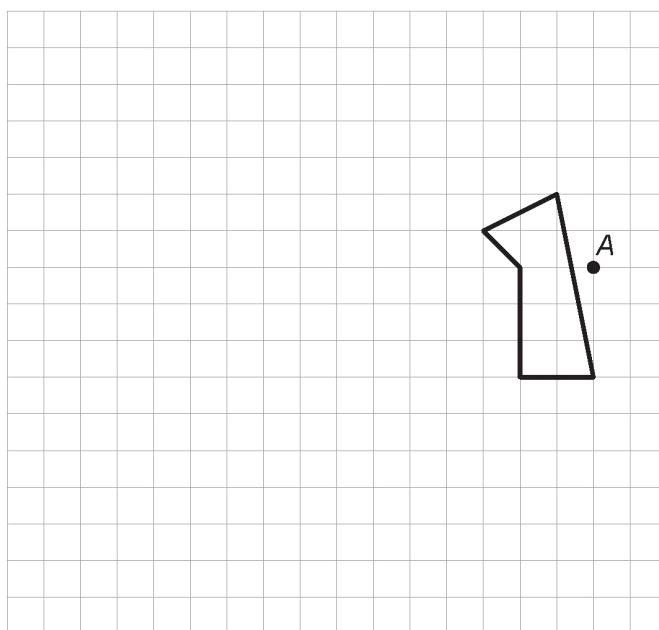
(i) What is the scale factor of the enlargement?

Answer _____ [1]

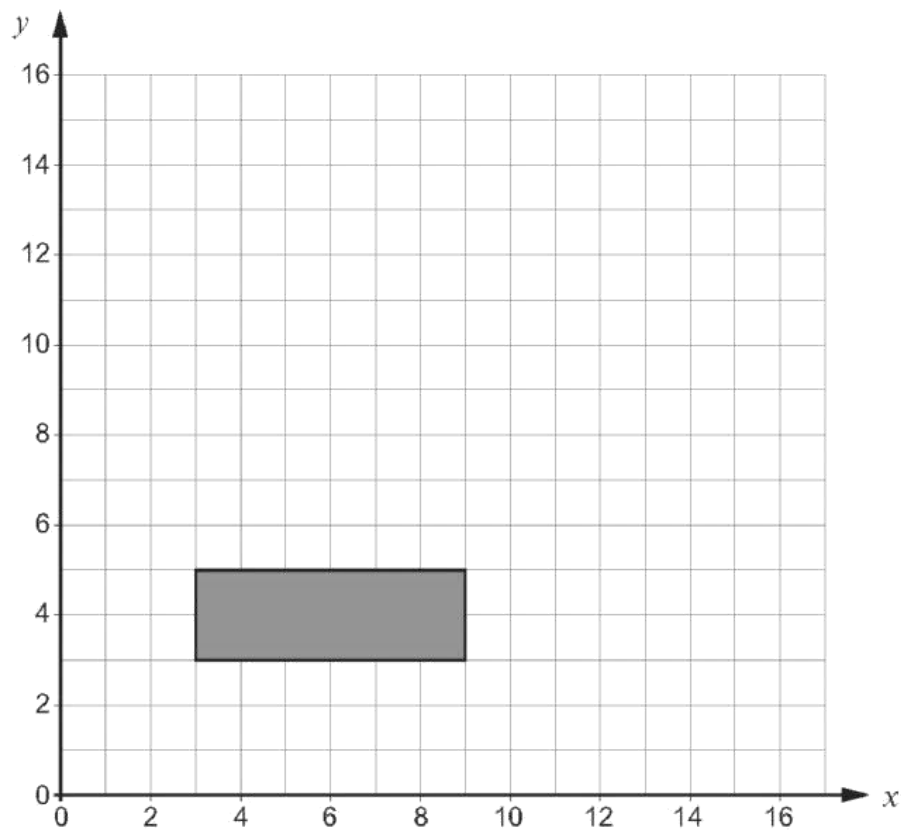
- 13) Enlarge the shape shown on the grid by a scale factor of 2, using A as the centre of the enlargement. [3]



- 14) Enlarge the shape shown by a scale factor of 2, using A as the centre of the enlargement. [3]

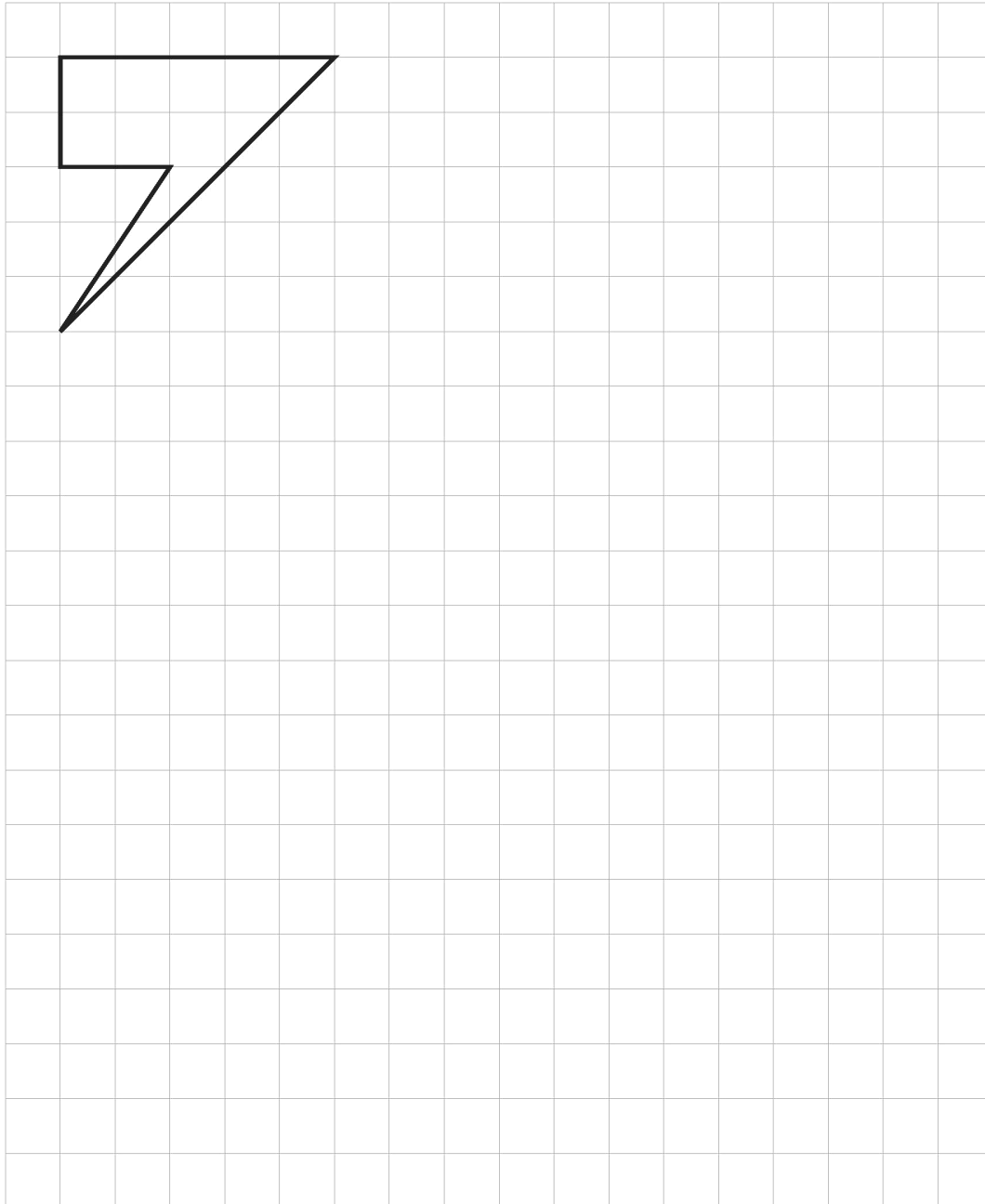


- 15) Enlarge the rectangle shown by a scale factor of 2, using (2, 1) as the centre of the enlargement. [2]

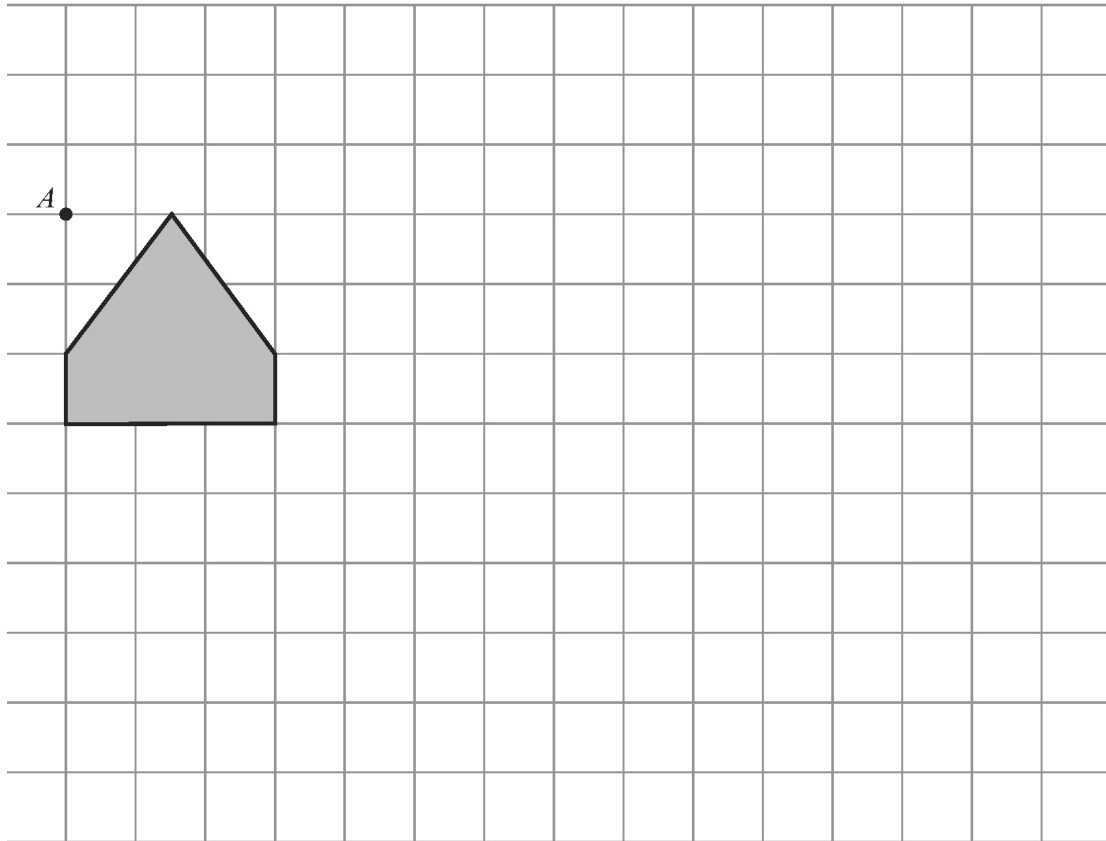


- 16)
(a) Enlarge the following shape by a scale factor of 2.

[2]

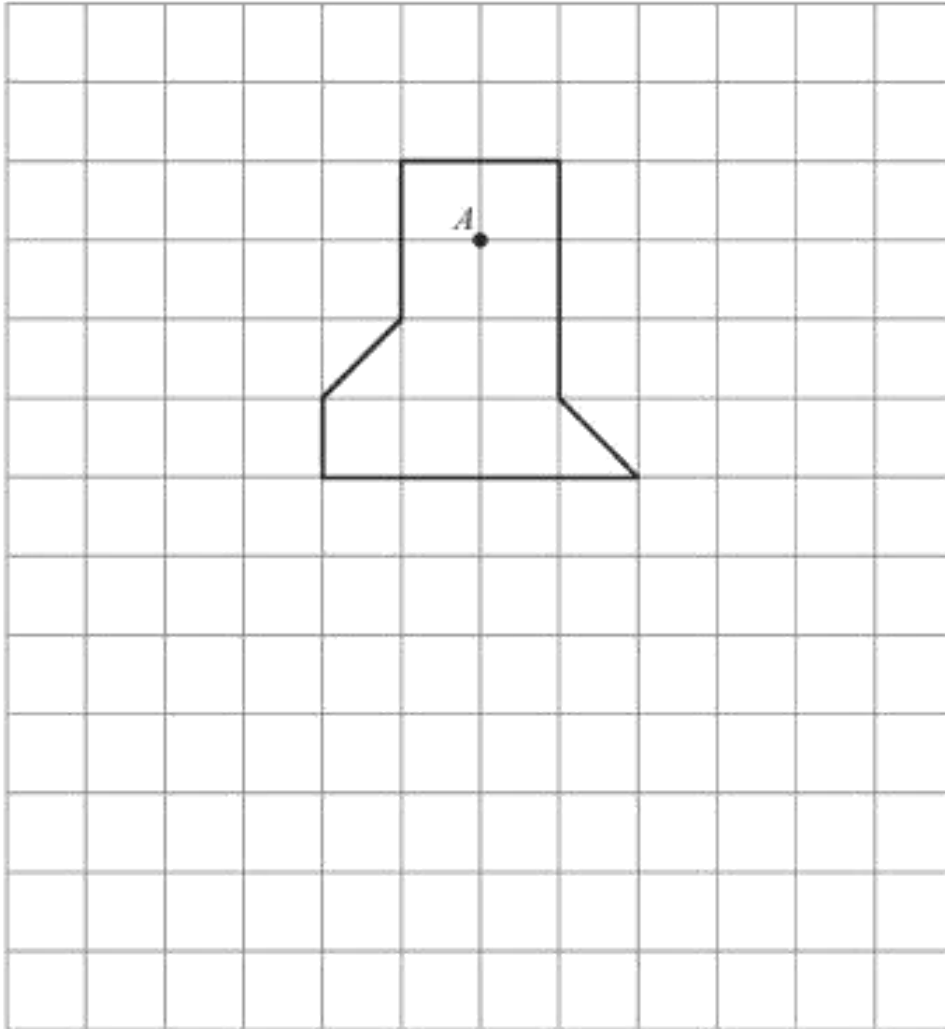


- 17) Enlarge the shape shown on the grid by a scale factor of 2 using A as the centre of the enlargement.



[3]

- 18) Enlarge the shape shown on the grid by a scale factor of 2 using *A* as the centre for the enlargement.



[3]

19)

Enlarge the shape shown by a scale factor of 2 using A as the centre of enlargement.

[3]

