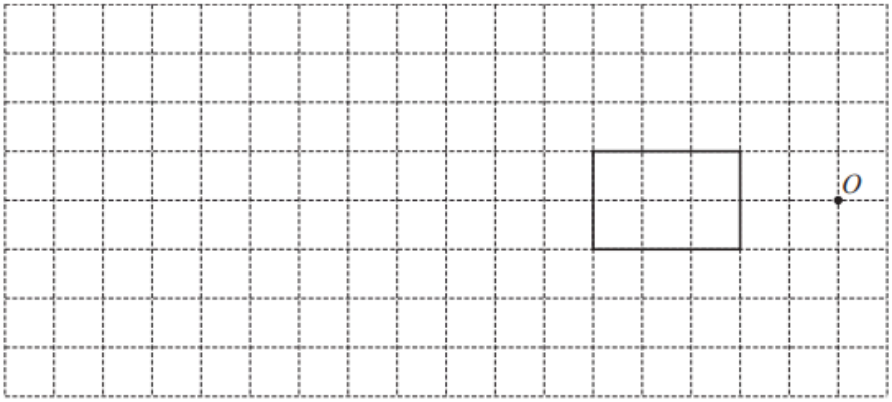
Q1. (June 2018 v1)

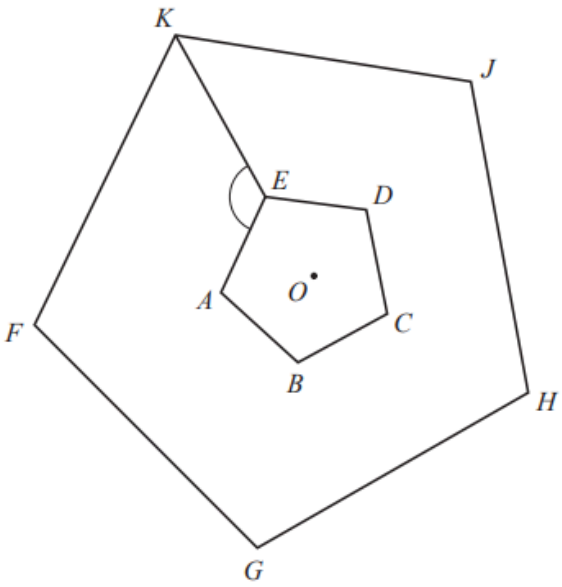
16 Enlarge the rectangle using a scale factor of 3 and centre of enlargement O.



[2]

Q2. (June 2019 v3)

23



NOT TO SCALE

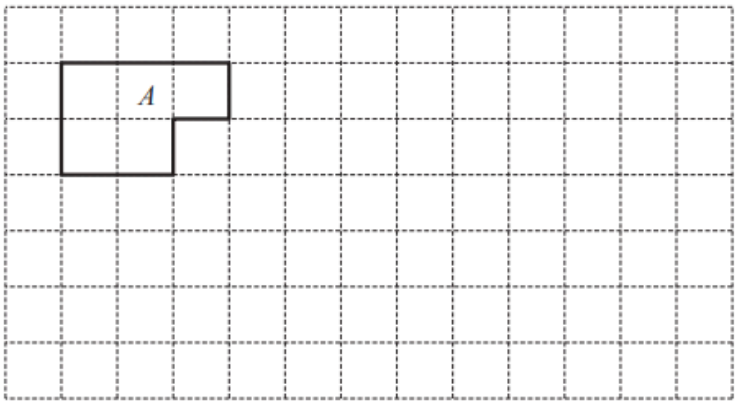
The diagram shows two regular pentagons.
Pentagon *FGHJK* is an enlargement of pentagon *ABCDE*, centre *O*.

Find angle *AEK*.

Angle *AEK* = ... [4]

Q3. (June 2020 v3)

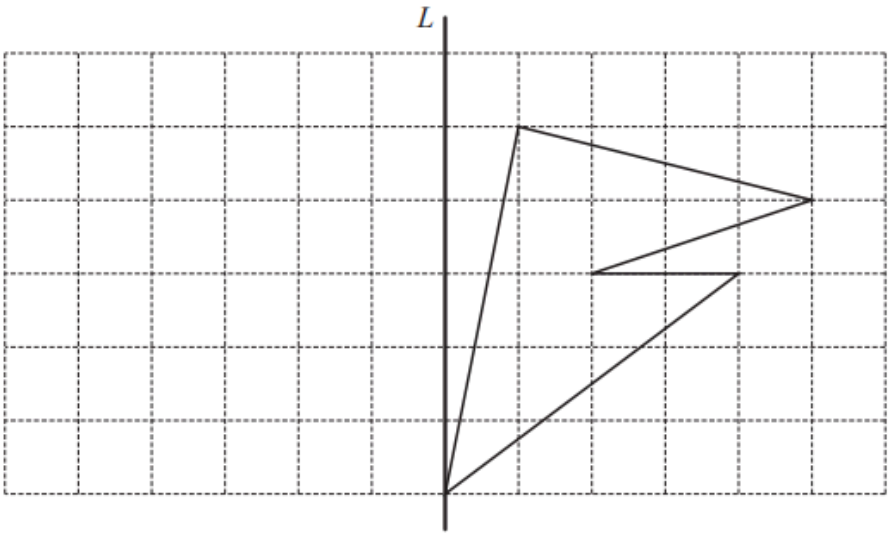
2



On the grid, draw a shape that is congruent to shape *A*. [1]

Q4. (June 2020 v3)

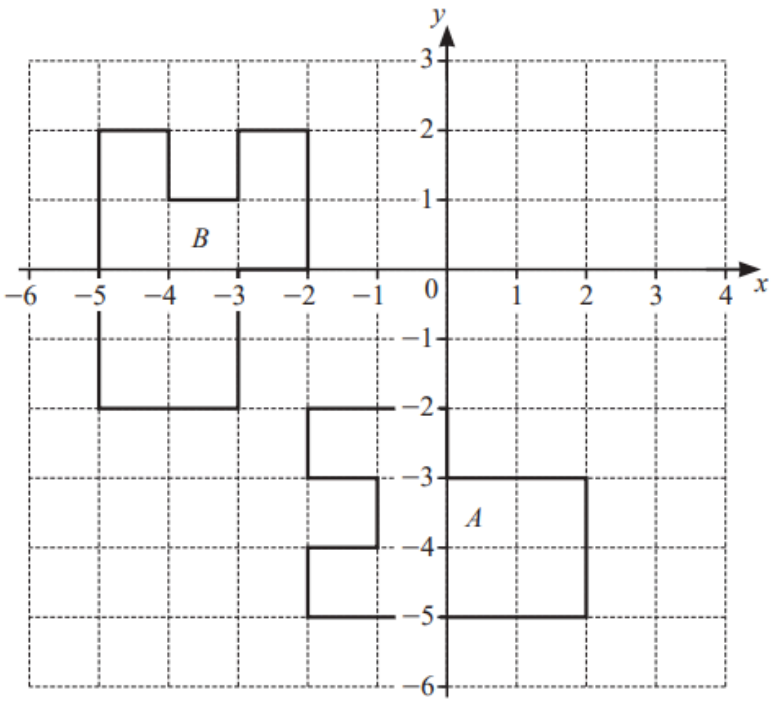
(b) Reflect the shape in line *L*.



[2]

Q5. (June 2020 v3)

15



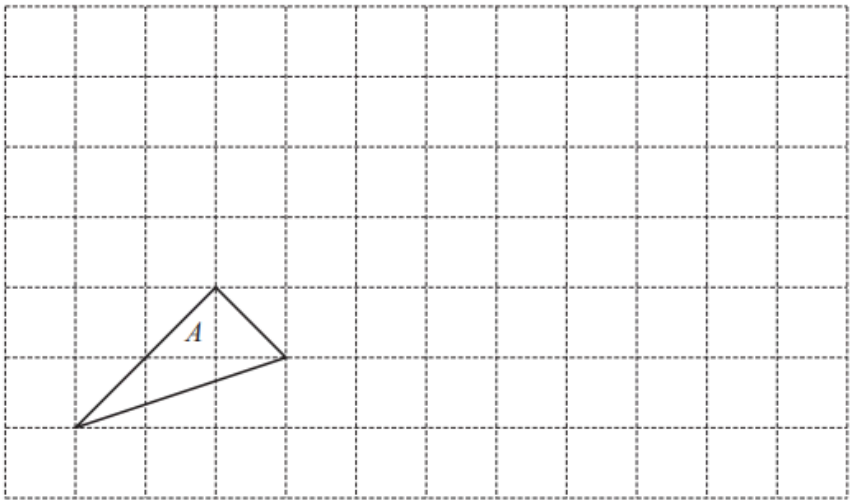
Describe fully the **single** transformation that maps shape *A* onto shape *B*.

.....

..... [3]

Q6. (June 2022 v2)

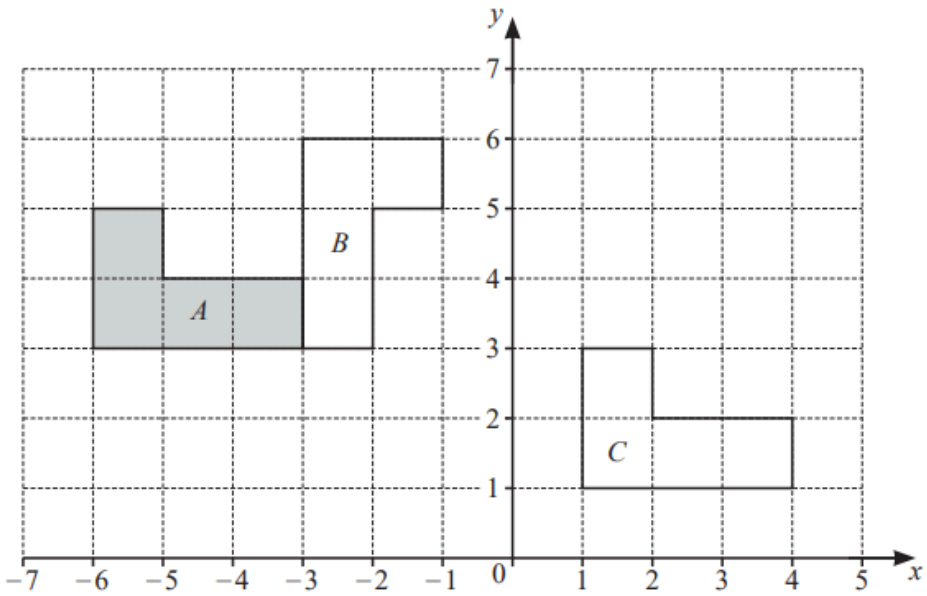
3 On the grid, draw a triangle that is congruent to triangle A.



[1]

Q7. (June 2023 v3)

23 The diagram shows three shapes, A, B and C, on a 1 cm^2 grid.



Describe fully the **single** transformation that maps

(a) shape A onto shape B

.....

..... [3]

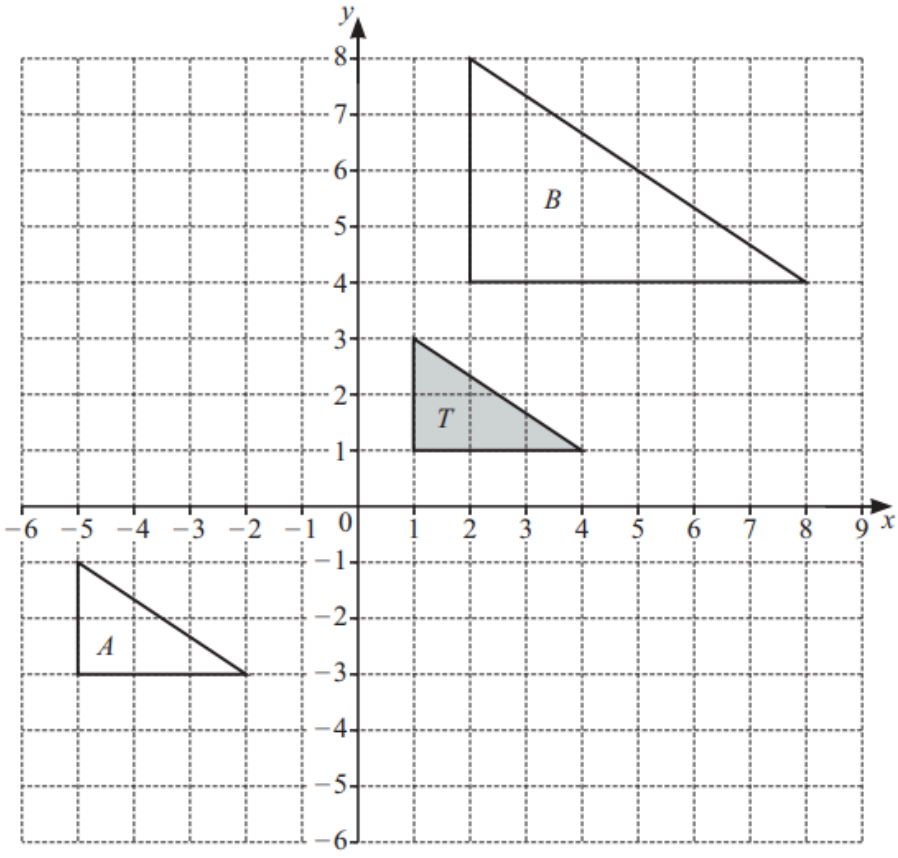
(b) shape A onto shape C.

.....

..... [2]

Q8. (June 2025 v1)

23



(a) On the grid, draw the image of triangle T after a rotation, 90° clockwise, centre (0, 0). [2]

(b) Describe fully the **single** transformation that maps triangle T onto triangle A.

.....

..... [2]

(c) Describe fully the **single** transformation that maps triangle T onto triangle B.

.....

..... [3]

Q9. (June 2025 v2)

(c) Draw the image of triangle A after a reflection in the line $y = -1$. [2]

(d) Describe fully the **single** transformation that maps

(i) triangle A onto triangle B

.....

..... [3]

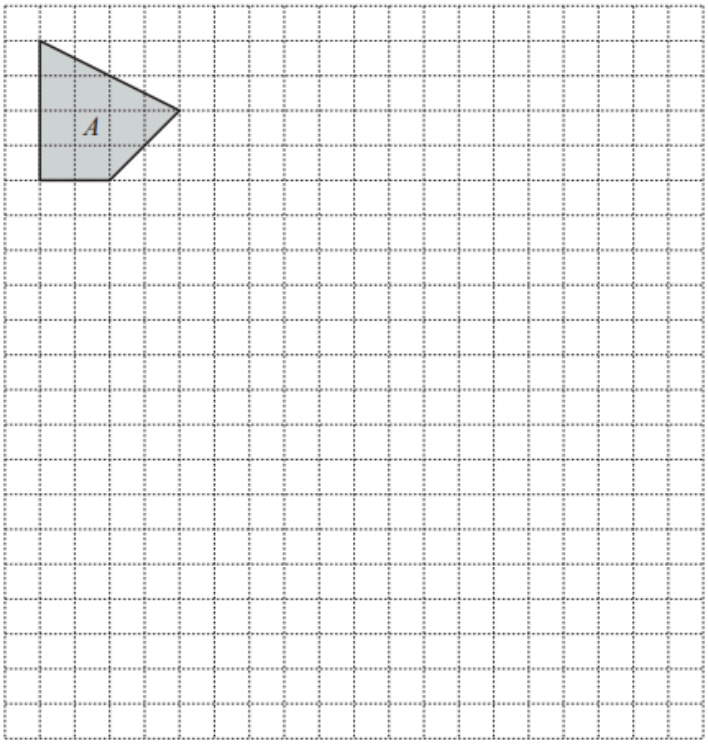
(ii) triangle A onto triangle C.

.....

..... [3]

Q10. (Nov 2018 v1)

10 Shape A is shown on the grid.



On the grid, enlarge shape A by scale factor 3. [2]

Q11. (Nov 2024 v1)

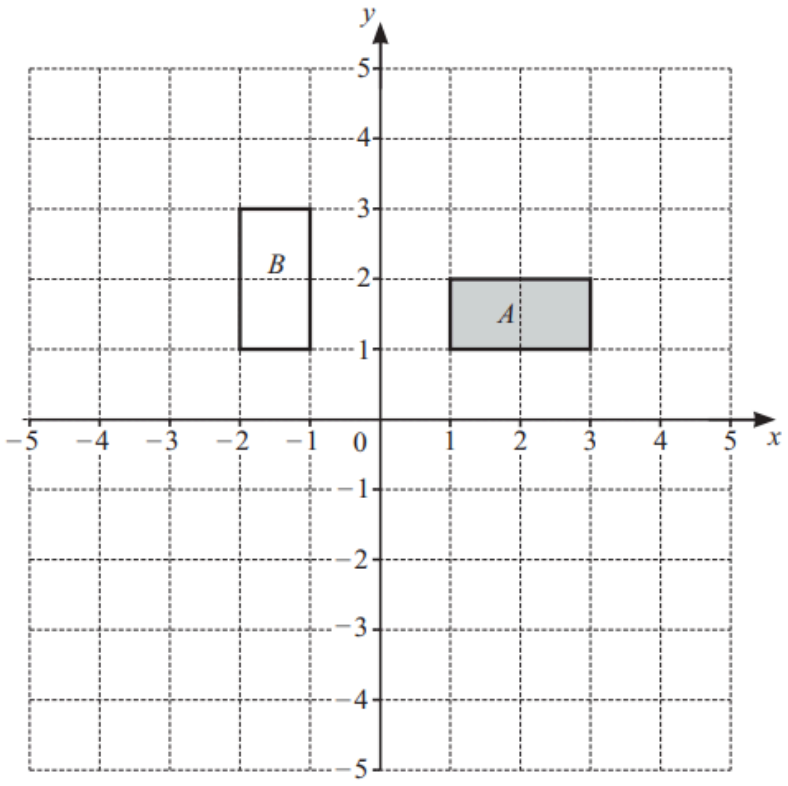
(b) The rectangle is enlarged by scale factor 2 with centre of enlargement point C.

Find the coordinates of the image of point P.

(..... , ...) [2]

Q12. (Nov 2025 v1)

21 Shapes A and B are shown on the grid.



(a) Describe fully the **single** transformation that maps shape A onto shape B.

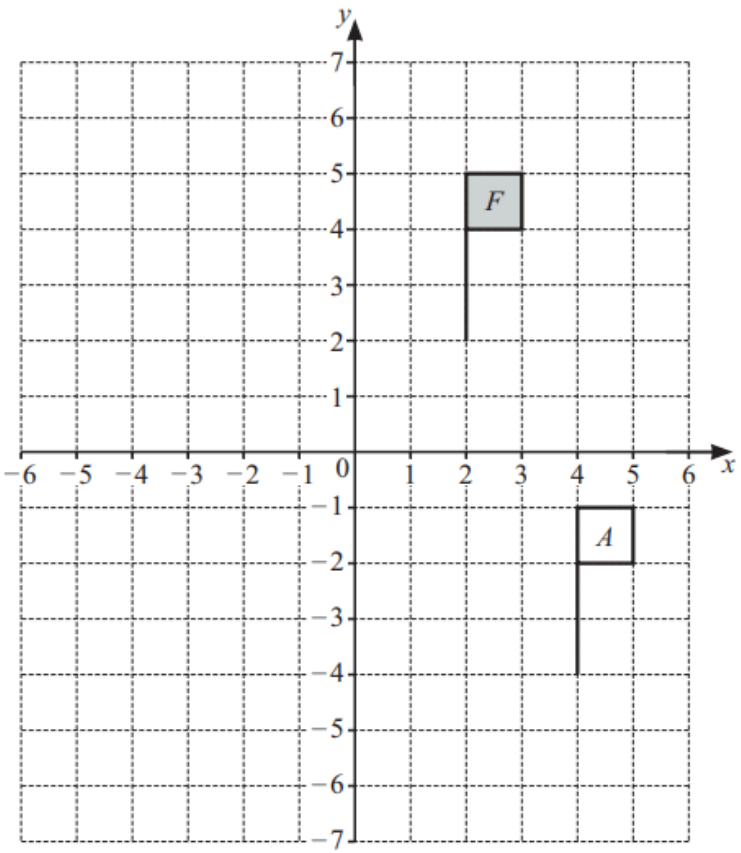
.....

..... [3]

(b) Draw the image of shape A after a reflection in the line $y = -1$. [2]

Q13. (Nov 2025 v2)

19 The grid shows two flags, F and A.



(a) On the grid, draw the image of flag F after a reflection in the line $x = -1$. [2]

(b) On the grid, draw the image of flag F after a rotation of 180° about (0, 0). [2]

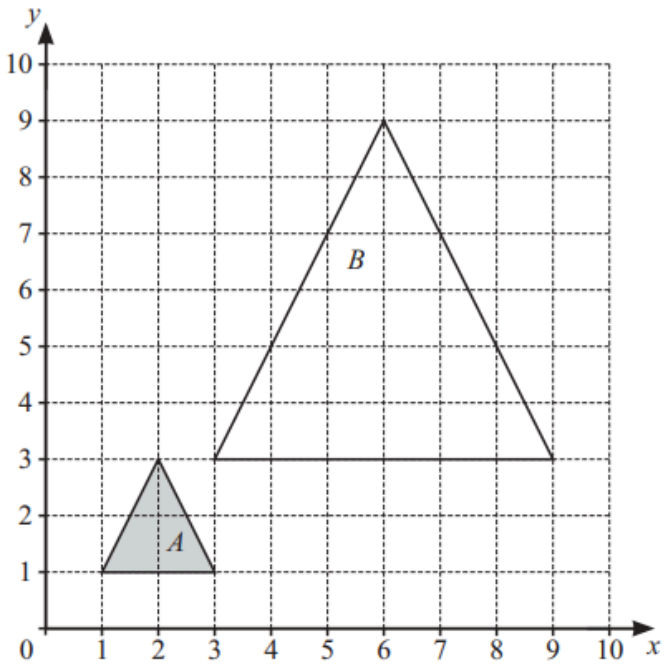
(c) Describe fully the **single** transformation that maps flag F onto flag A.

.....

..... [2]

Q14. (Nov 2025 v3)

22 The diagram shows triangles A and B.



Describe fully the **single** transformation that maps triangle A onto triangle B.

.....

..... [3]