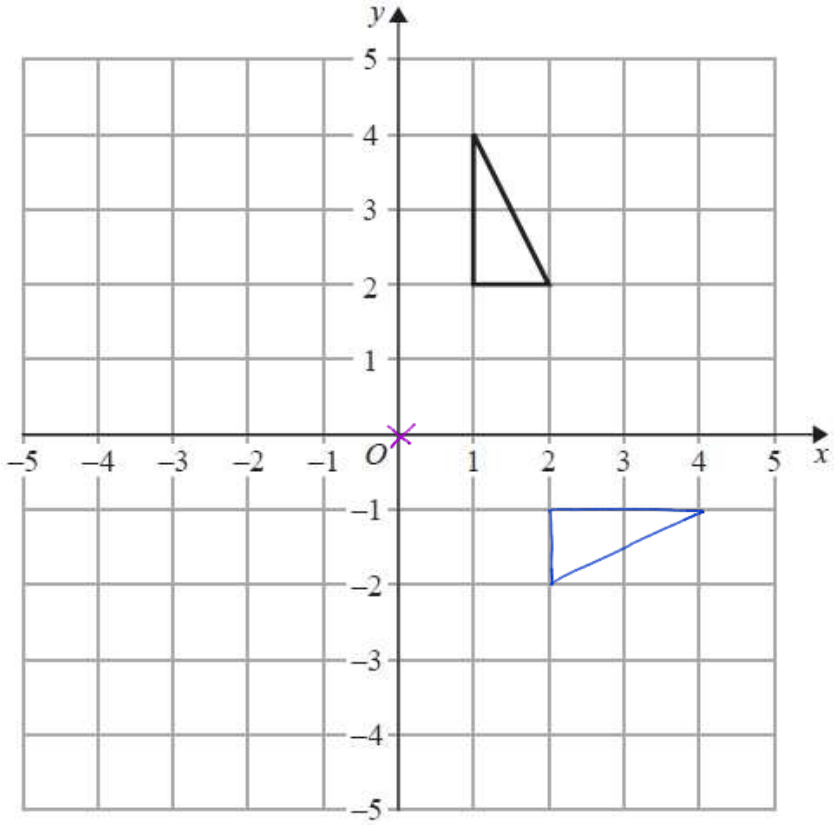
FULL MODEL ANSWERS

Q1. NON-CALCULATOR

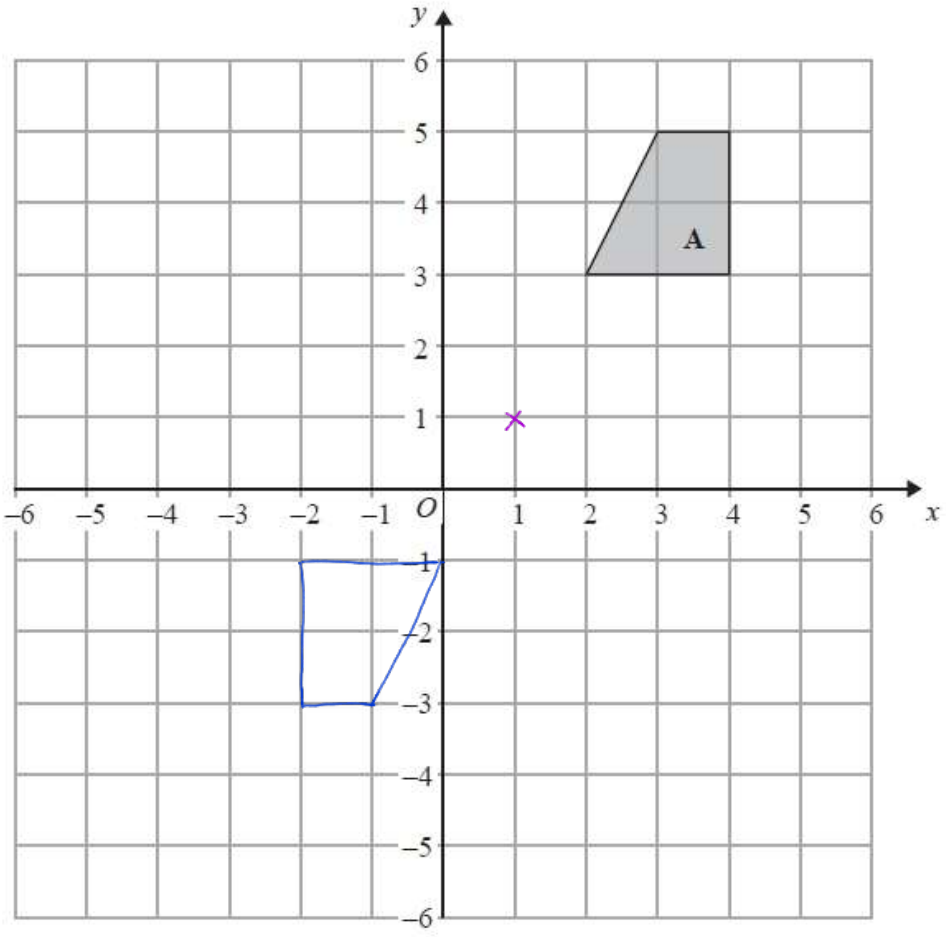


On the grid, rotate the triangle 90° clockwise about (0, 0).

(Total for question is 2 marks)

Q2. NON-CALCULATOR

On the grid, rotate shape **A** 180° about the point (1, 1).



(Total for Question is 2 marks)

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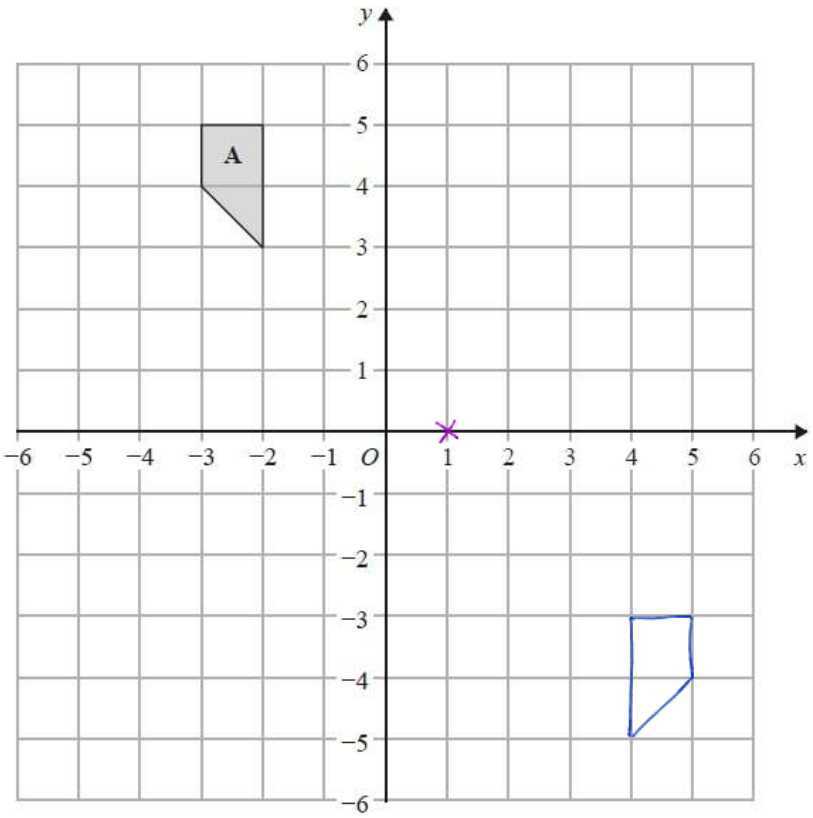
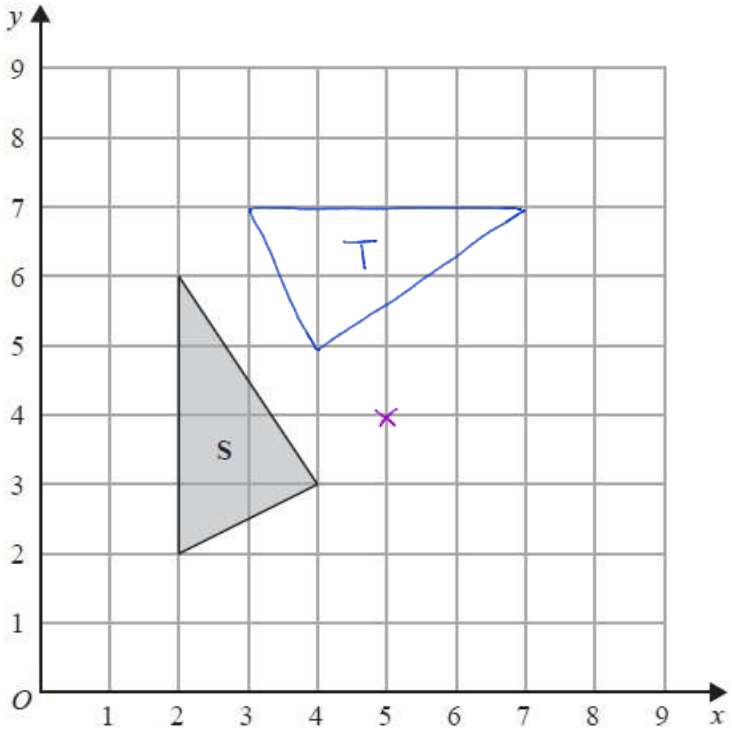
Q3. NON-CALCULATOR



Rotate shape **A** 180° about (1, 0)

(Total for question = 2 marks)

Q4. NON-CALCULATOR



(a) Rotate shape **S** 90° clockwise, centre (5, 4)

Label your image **T**.

(2)

(b) Describe fully the single transformation that will map shape **T** onto shape **S**.

Rotation 90° anticlockwise, centre (5, 4)

(1)

(Total for question = 3 marks)

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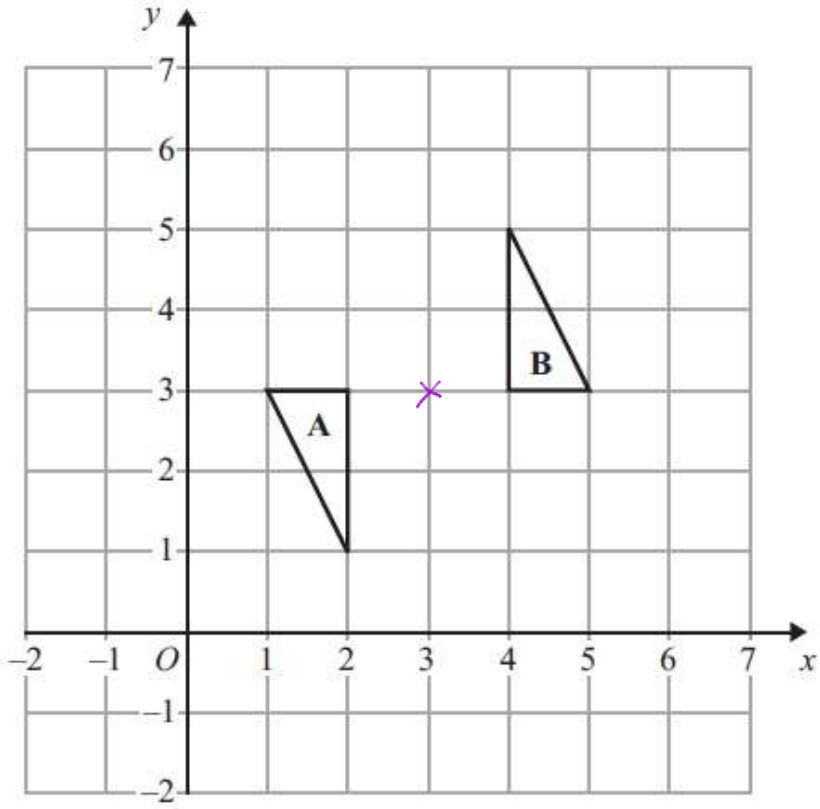
Q5. NON-CALCULATOR



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

Rotation 180° centre (3,3)

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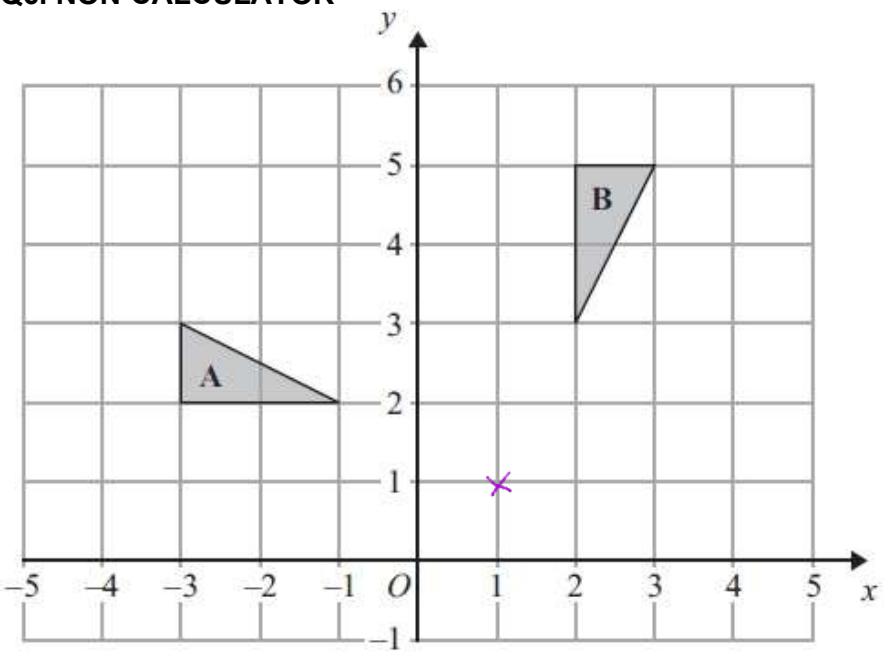
.....

(Total for Question is 3 marks)

Q6. NON-CALCULATOR



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

Rotation 90° clockwise centre (1,1)

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(Total for Question is 3 marks)

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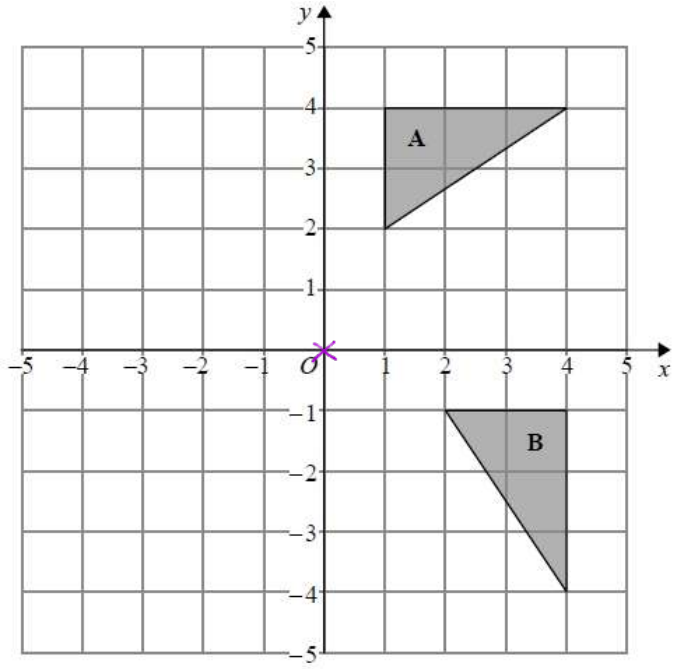
Q7. NON-CALCULATOR

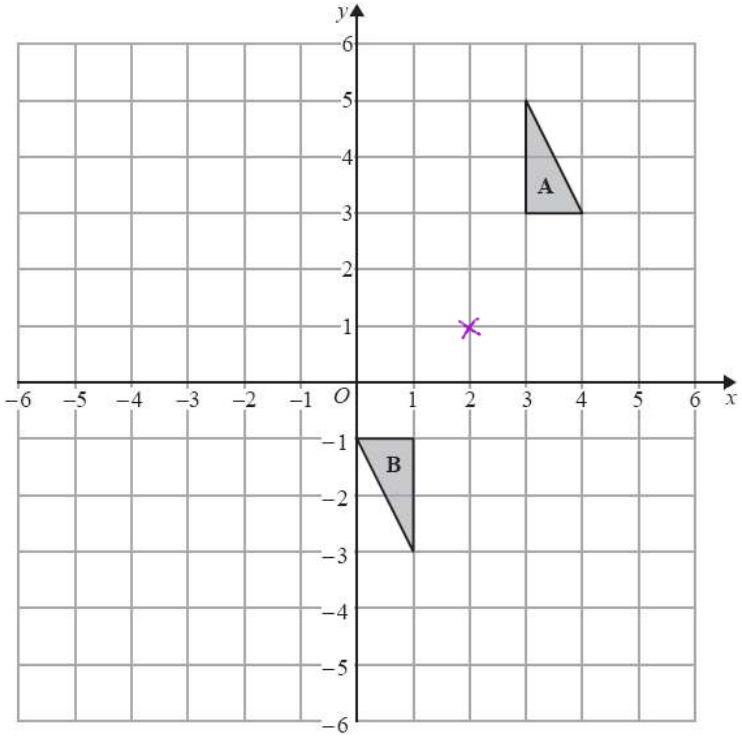


Describe fully the single transformation that maps triangle **A** onto triangle **B**.

Rotation 90° clockwise centre (0,0)

(Total for question = 2 marks)

Q8. NON-CALCULATOR

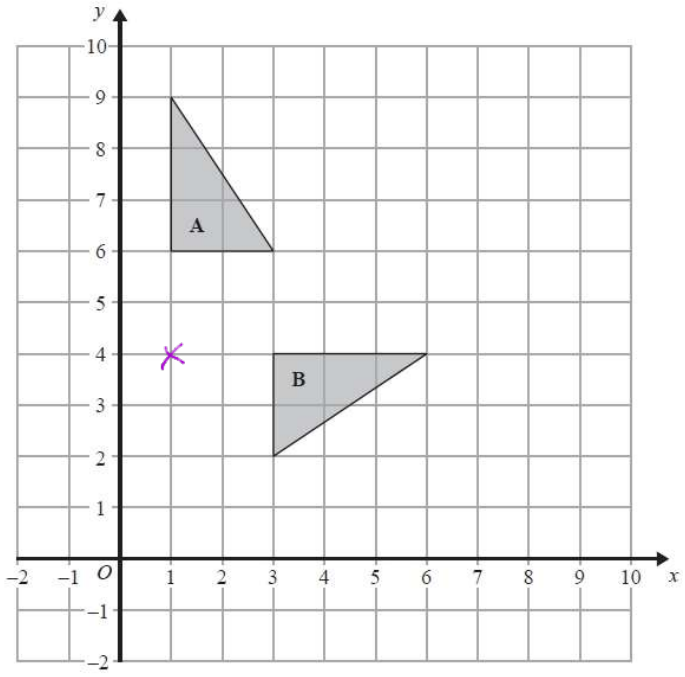


Describe fully the single transformation that maps triangle **A** onto triangle **B**.

Rotation 180° centre (2,1)

(Total for question = 3 marks)

Q9. NON-CALCULATOR

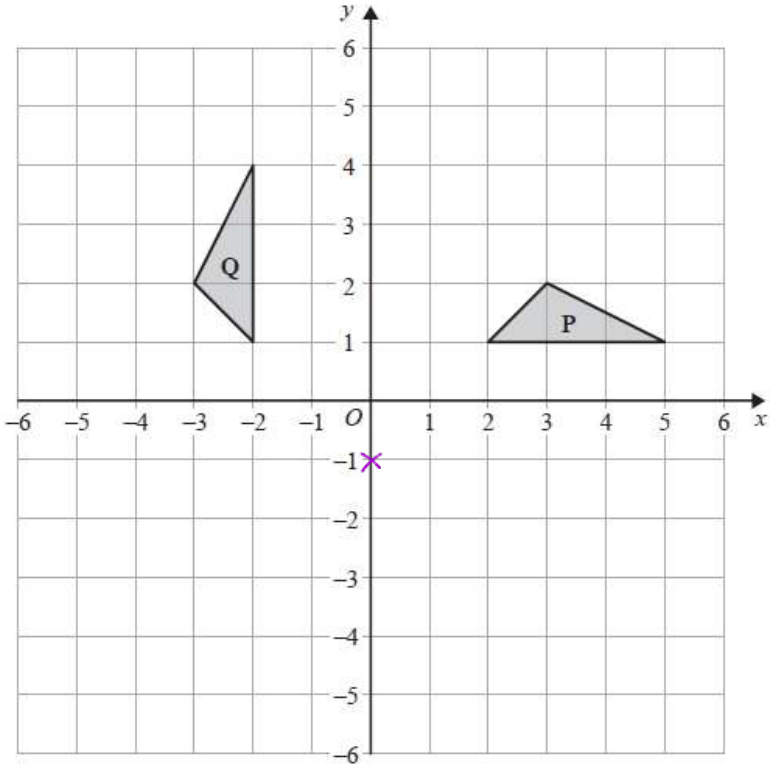


Describe fully the single transformation that maps triangle **A** onto triangle **B**.

Rotation 90° clockwise, centre (1, 4)

(Total for question = 3 marks)

Q10. NON-CALCULATOR



Describe fully the single transformation that maps triangle **P** onto triangle **Q**.

Rotation 90° anticlockwise, centre (0, -1)

(Total for question = 2 marks)