

Name: _____

ASM Tuition Academy

ENLARGEMENTS

Instructions:

- Use **black** ink or ball-point pen.
- Answer all questions.
- Answer the questions in the spaces provided
- there may be more space than you need.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all you're working out**.

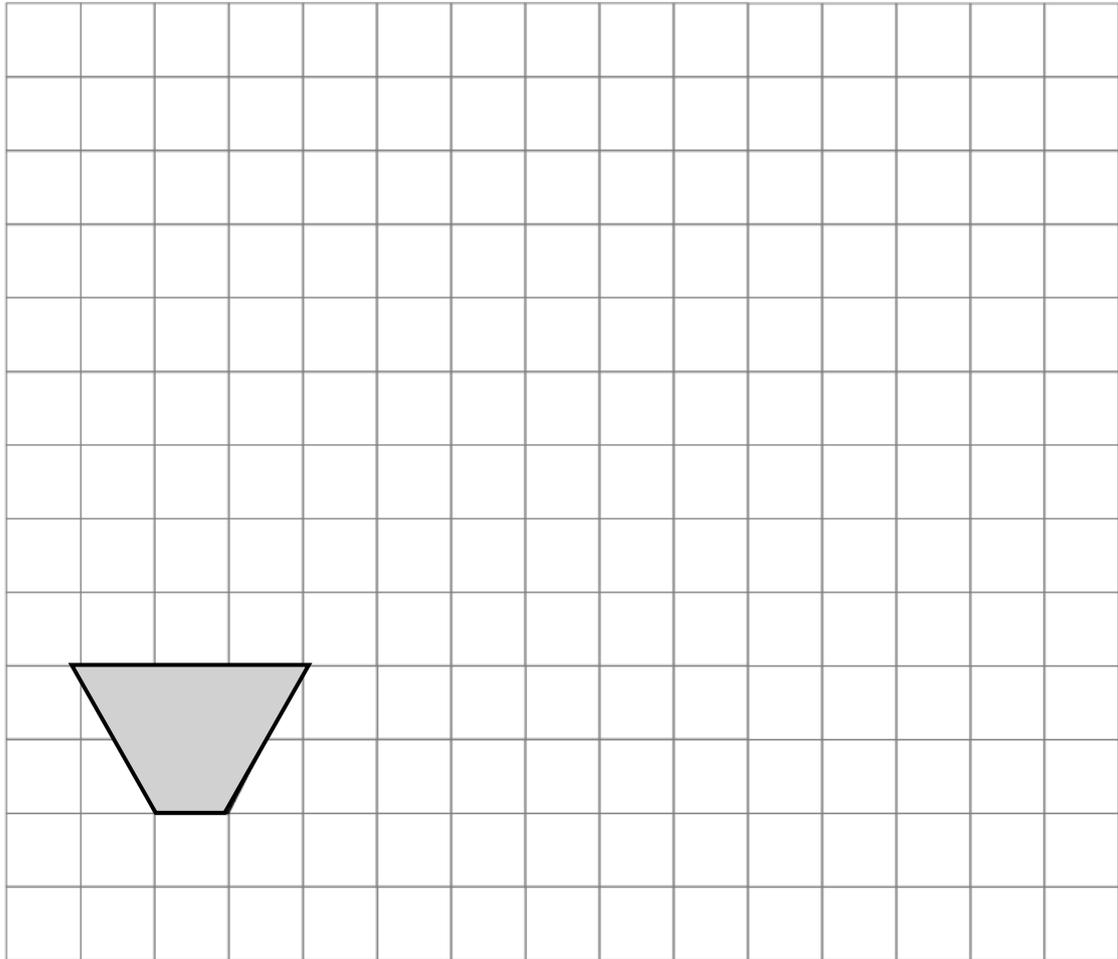
Information:

- The marks for each question are shown in brackets
- use this as a guide as to how much time to spend on each question.

Advice:

- Read each question carefully before you start to answer it.
- Keep an eye on time.
- Try to answer every question.
- Check your answers if you have time at the end.

Q1.



On the grid draw an enlargement of the shaded shape with scale factor 3

(Total for question 1 is 2 marks)

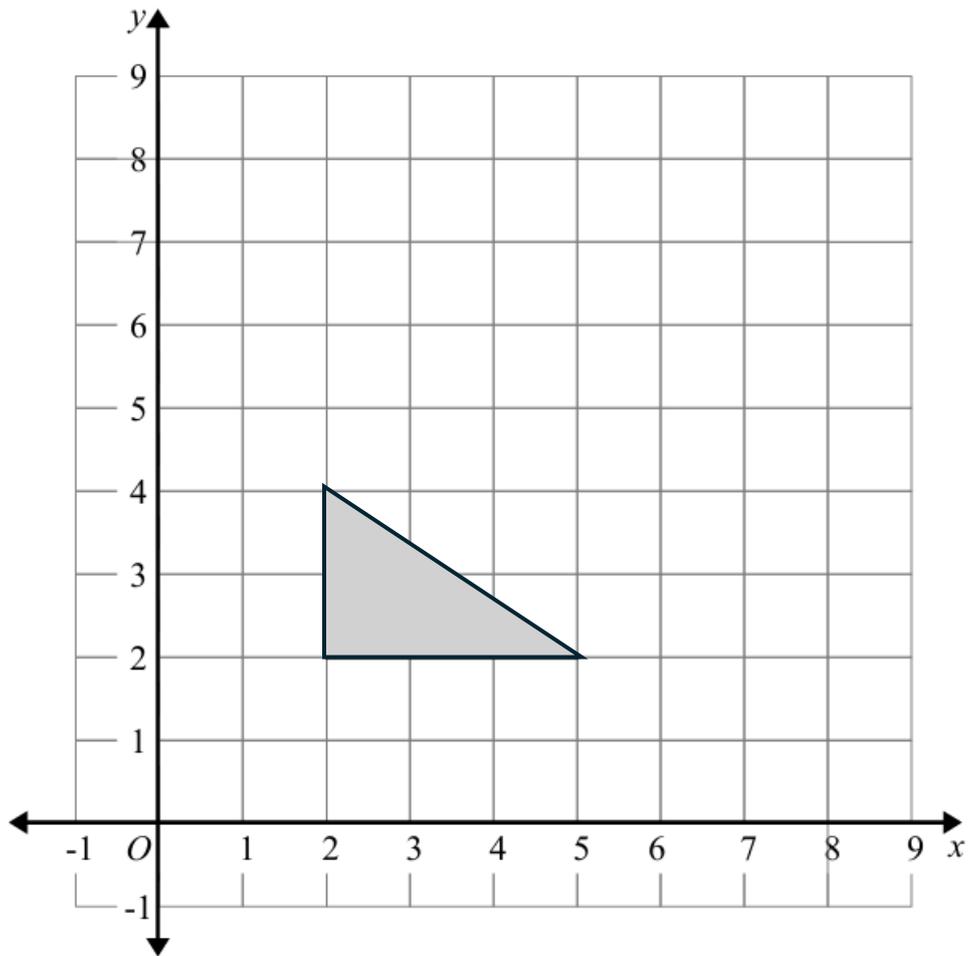
Q2.



On the grid draw an enlargement of the shaded shape with scale factor 2

(Total for question 2 is 2 marks)

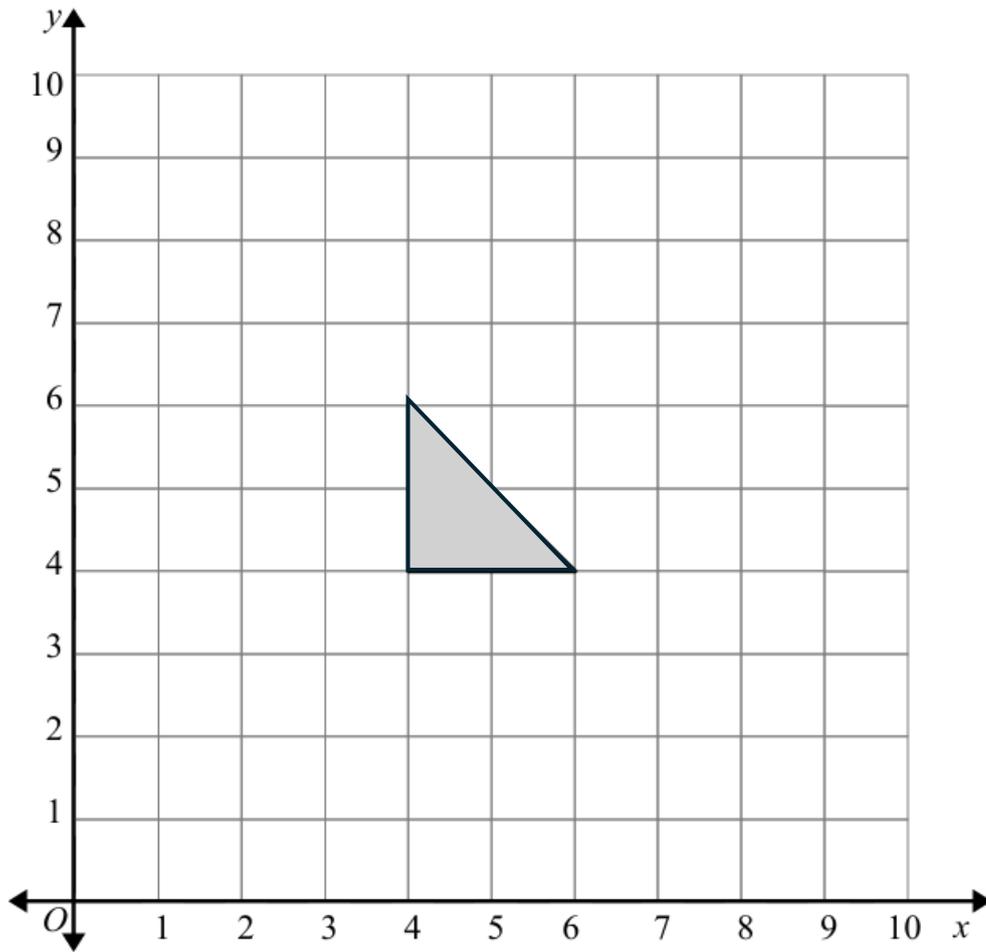
Q3.



Enlarge the shaded triangle by scale factor 2, centre (1, 0)

(Total for question 3 is 2 marks)

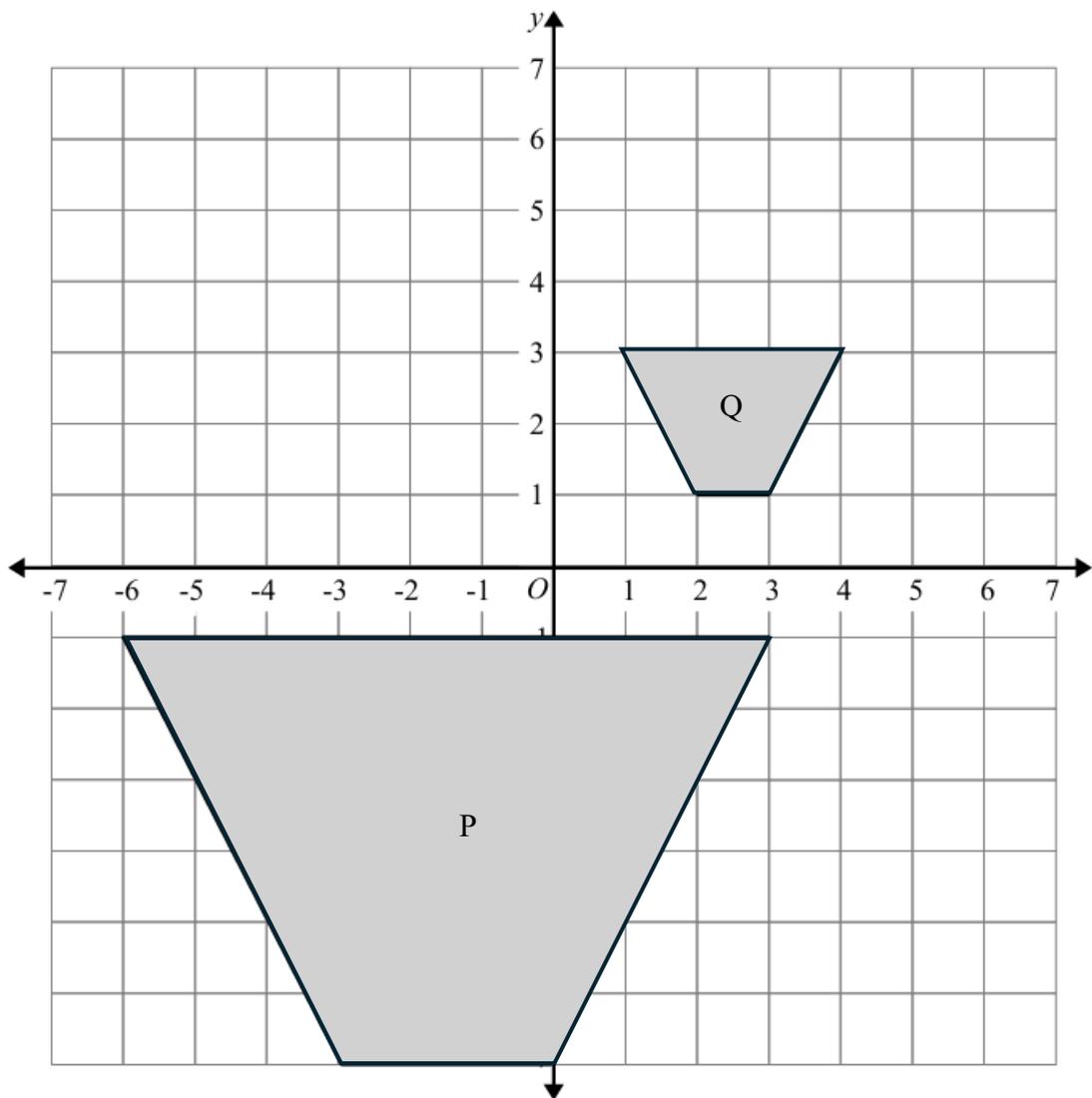
Q4.



Enlarge the shaded triangle by scale factor 1.5, centre O.

(Total for question 4 is 2 marks)

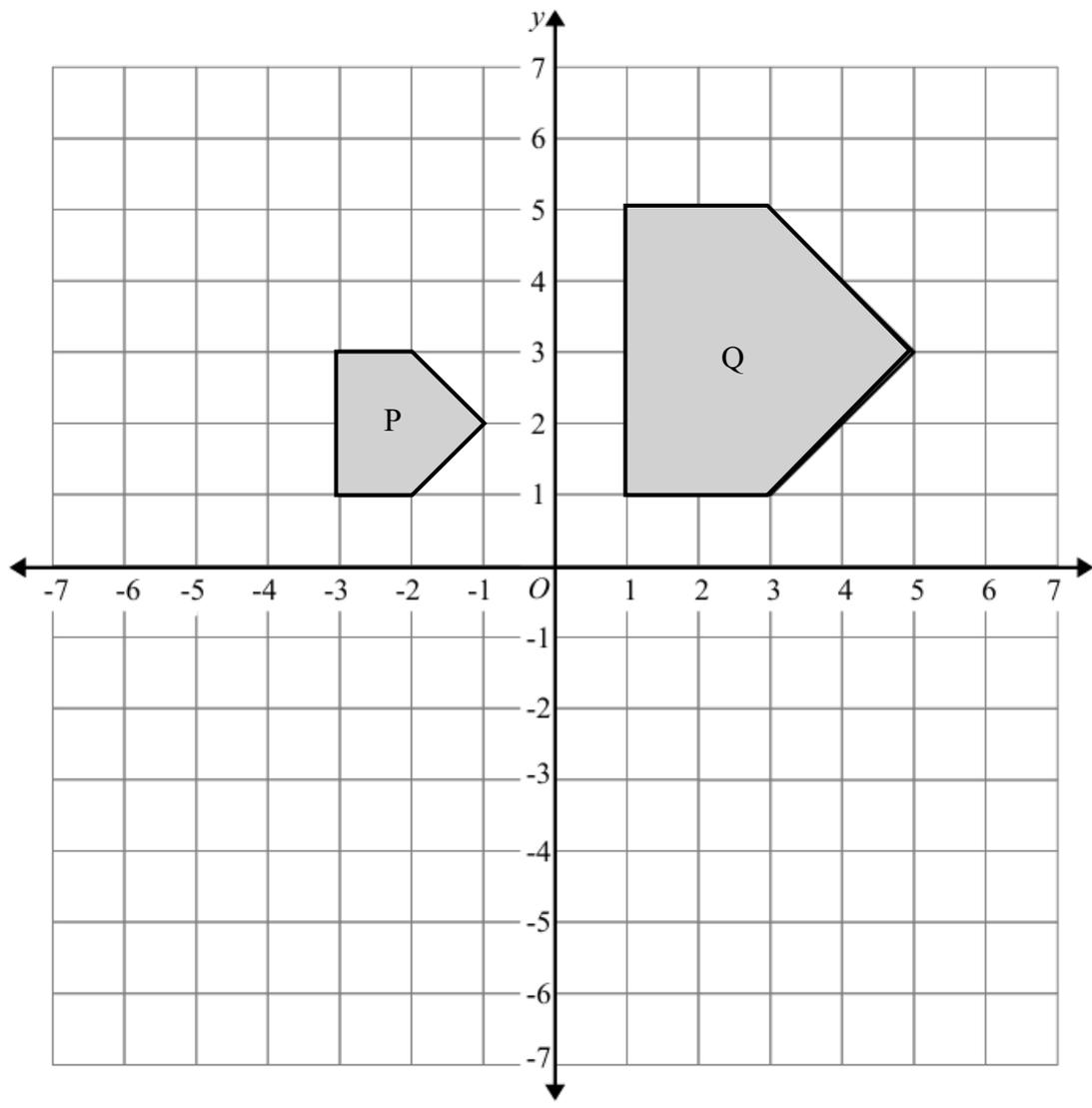
Q5.



Describe fully the single transformation that maps shape Q onto shape P.

(Total for question 5 is 2 marks)

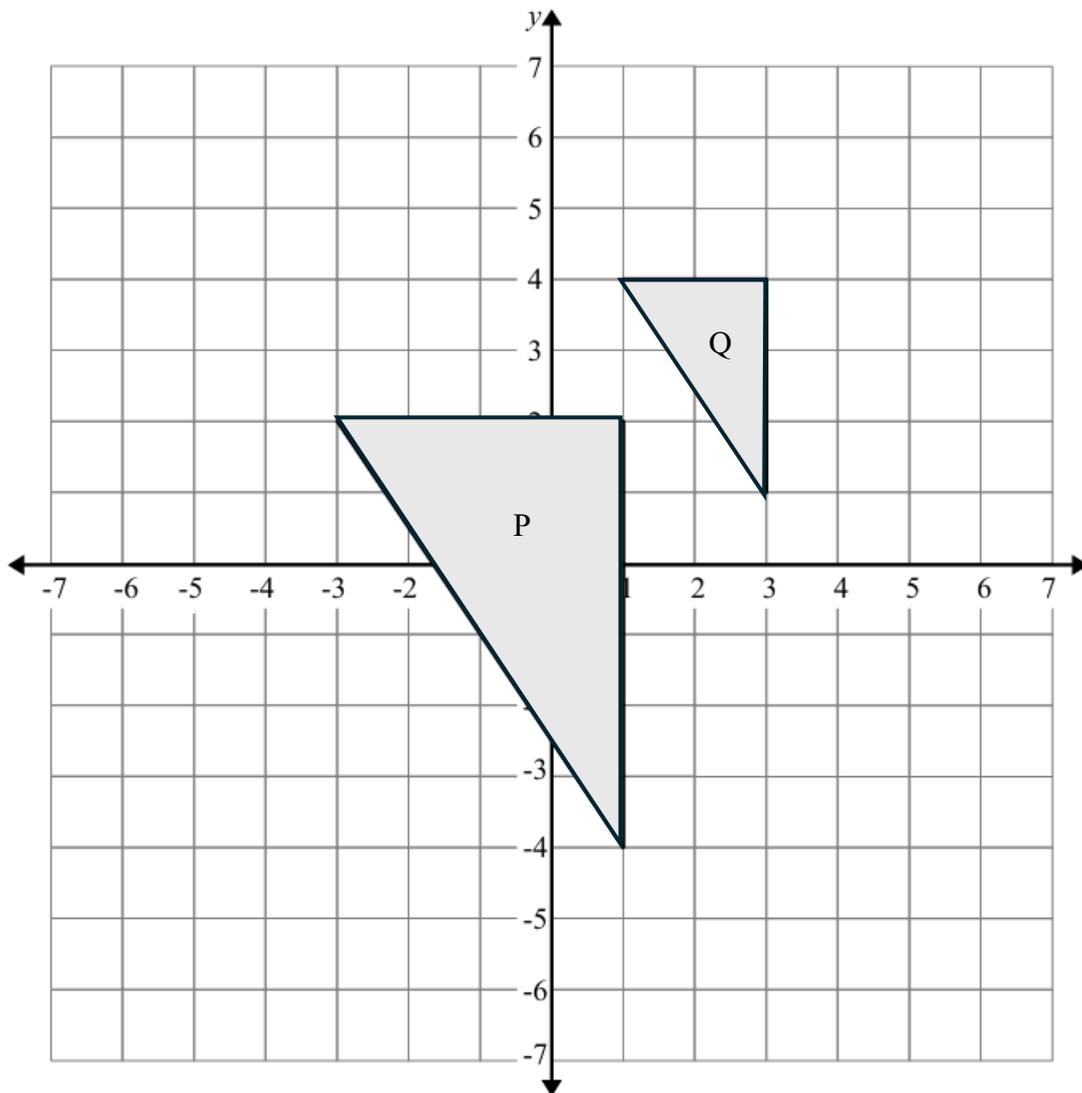
Q6.



Describe fully the single transformation that maps shape P onto shape Q.

(Total for question 6 is 2 marks)

Q7.



Describe fully the single transformation that maps shape P onto shape Q.

(Total for question 7 is 2 marks)
