

Name \_\_\_\_\_

- 1 Write down the coordinates of point A.

(      ,      )



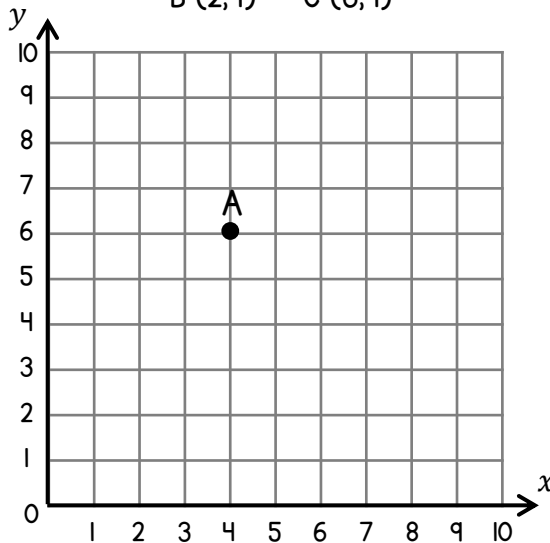
1 mark



2 marks

Plot the points B and C on the grid.

B (2, 1)    C (6, 1)



Join up the 3 points to make a triangle.

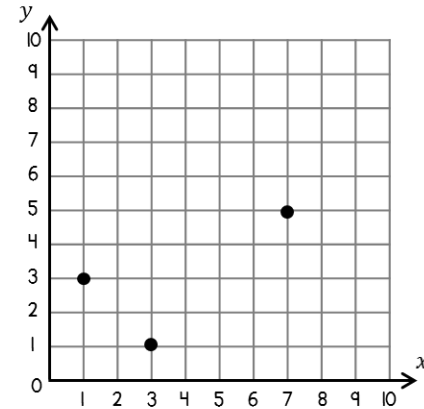
What type of triangle have you drawn?

\_\_\_\_\_



1 mark

- 2 Teddy is drawing a rectangle on a grid.



Plot the final vertex of the rectangle.

What are the coordinates of the final vertex?

(      ,      )

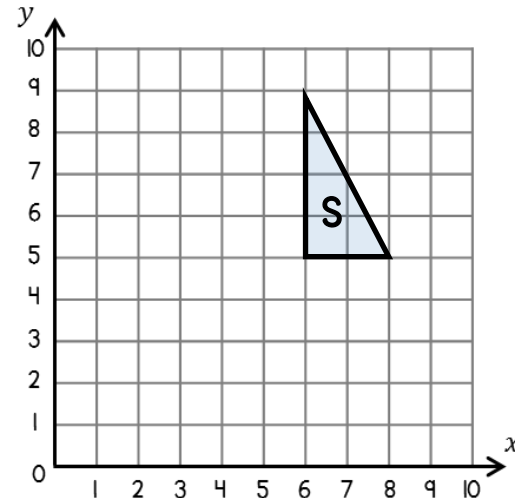


1 mark



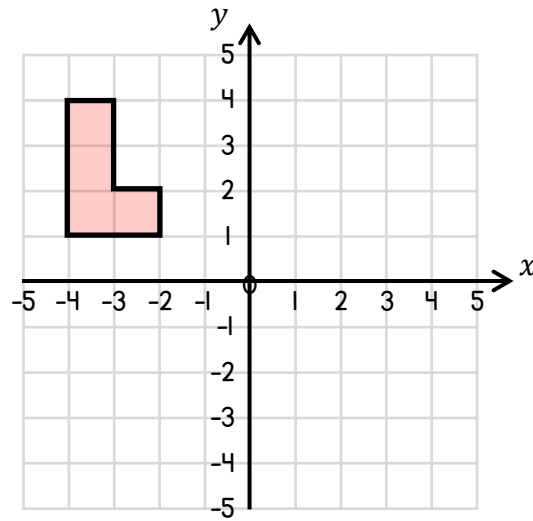
1 mark

- 3 Translate triangle S, 2 left and 3 down.  
Label your triangle T.

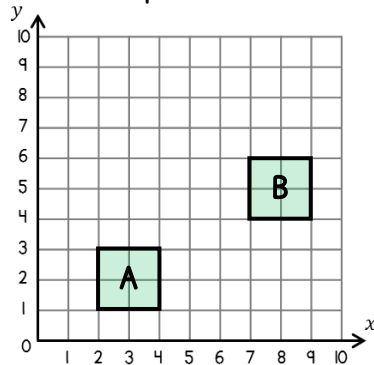


2 marks

- 4 Reflect the shape in the  $y$  axis.



- 5 Eva translates shape A, 3 right and 1 up. She labels her new shape B.



Explain why Eva is wrong.

What are the coordinates of the correctly translated shape?

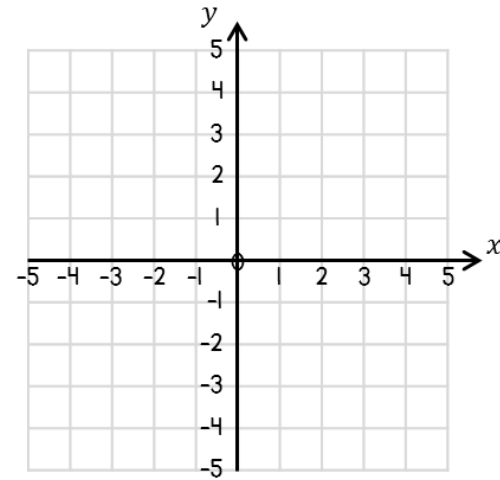
( , ) ( , ) ( , ) ( , )

2 marks

1 mark

2 marks

- 6 On the grid, draw the shape with vertices at  $(-2, -3)$ ,  $(-4, -3)$  and  $(-4, -1)$



Reflect the shape in the  $x$  axis, label your shape P.

Translate shape P, 6 right and 2 down.

Label your new shape Q.

- 7 A square is drawn on a grid. Two of its vertices are at  $(3,3)$  and  $(7,7)$ . What is the perimeter of the square?

\_\_\_\_\_ units

Circle how confident you feel with position & direction.

1 2 3 4 5  
Not Very  
confident confident

1 mark

2 marks

2 marks

2 marks