

Name \_\_\_\_\_



1 Write down the coordinates of point A.

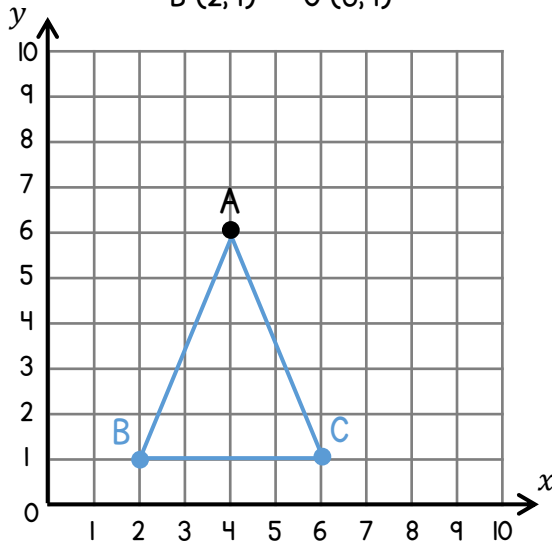
( 4 , 6 )



1 mark

Plot the points B and C on the grid.

B (2, 1) C (6, 1)



2 marks

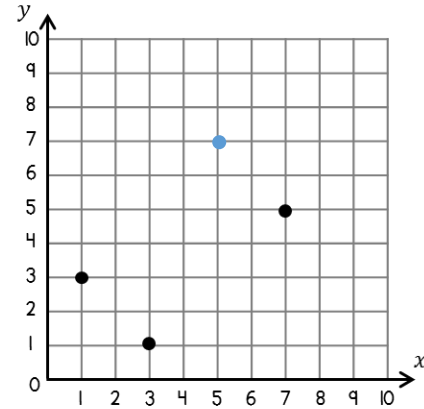
Join up the 3 points to make a triangle.  
What type of triangle have you drawn?

Isosceles



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?

( 5 , 7 )

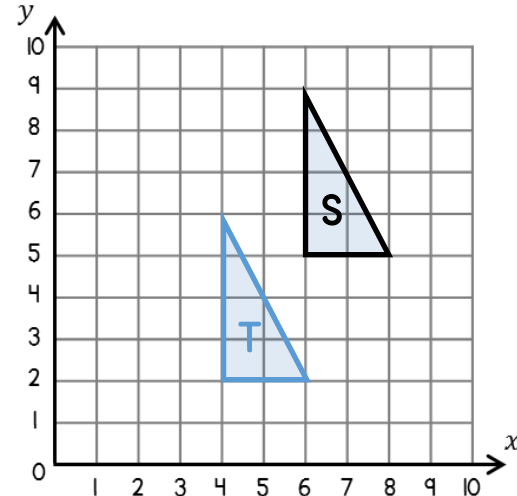


1 mark



1 mark

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

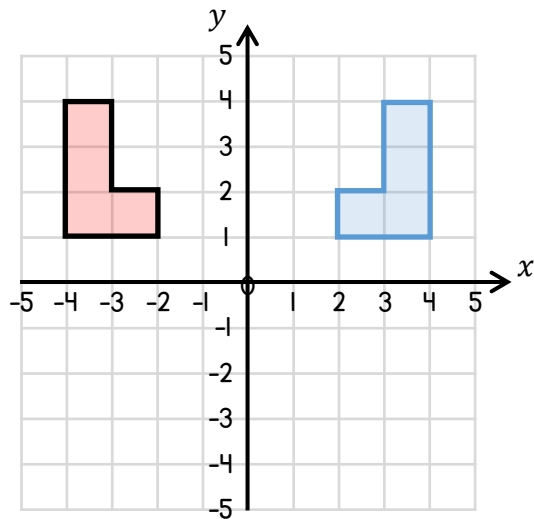


1 mark for 2 left,  
1 mark for 3  
down.



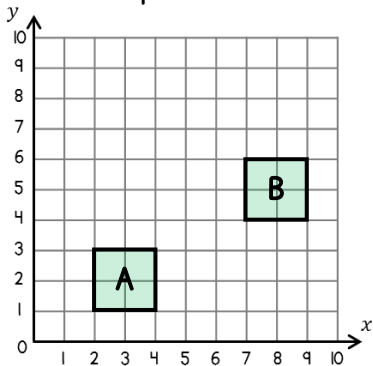
2 marks

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



1 mark for correctly reflected shape in wrong position.

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



Explain why Eva is wrong.

She has counted 3 across 1 up but then drawn the rest of the shape incorrectly.

What are the coordinates of the correctly translated shape?

( 5 , 2 ) ( 7 , 2 ) ( 5 , 4 ) ( 7 , 4 )



2 marks

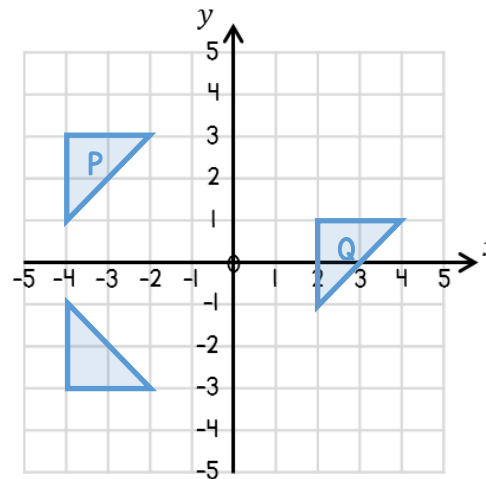


1 mark



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.

1 mark for correctly reflected shape in wrong position.

Translate shape P, 6 right and 2 down.

Label your new shape Q. Ft 1 mark for correct translation of their P

- 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?

1 mark for correct side length of 4

16 units

Circle how confident you feel with position & direction.

1	2	3	4	5
Not confident				Very confident



1 mark



2 marks



2 marks



2 marks