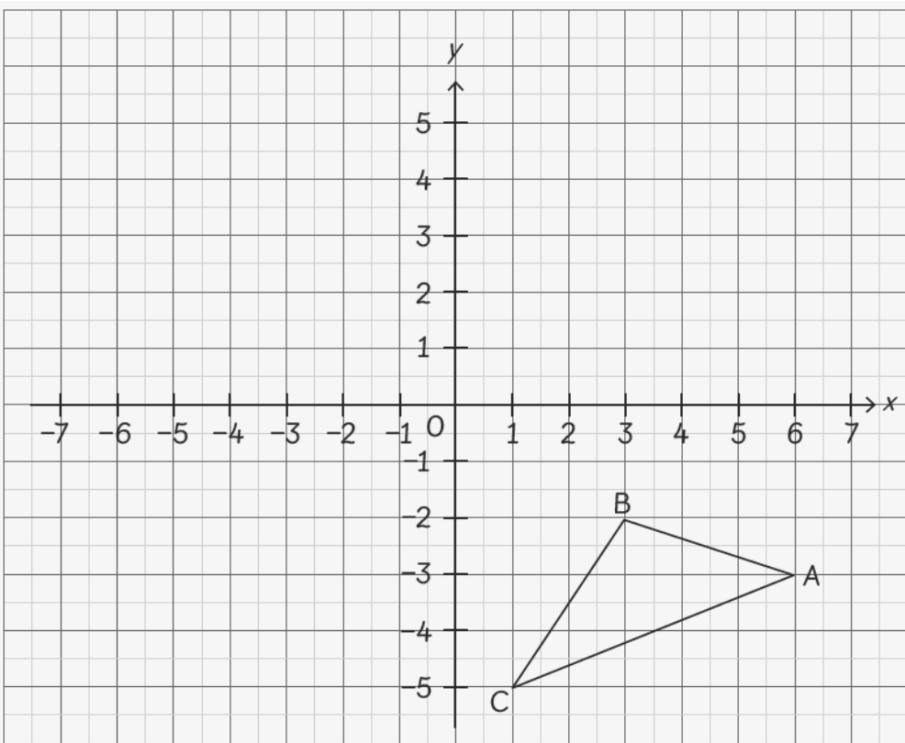


Worksheet 10

Using Algebra to Describe Movements

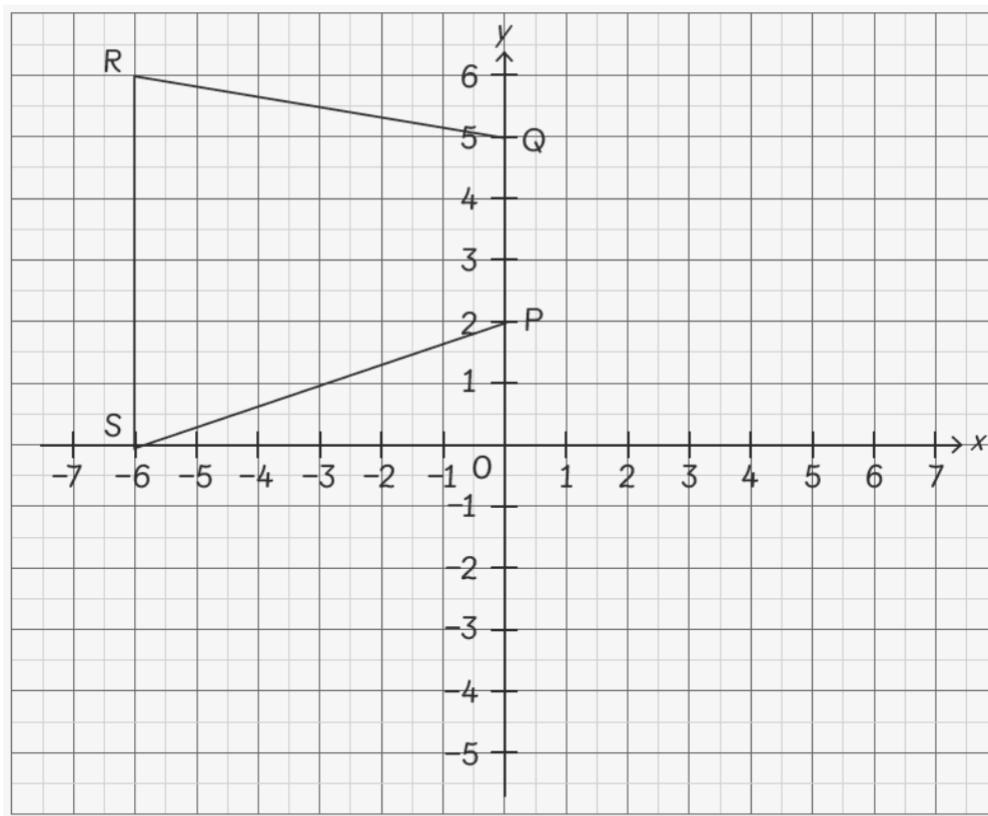
- 1 Triangle ABC is reflected in the x -axis and in the y -axis.



Given that point X is any point on the triangle, complete the table.

point	coordinates	after reflection in x -axis	after reflection in y -axis
A			
B			
C			
X	(x, y)		

- 2 Trapezium PQRS is translated.



Given that point Y is any point on the trapezium, complete the table.

point	coordinates	after translation
P		$(4, -3)$
Q		
R		
S		
Y	(x, y)	