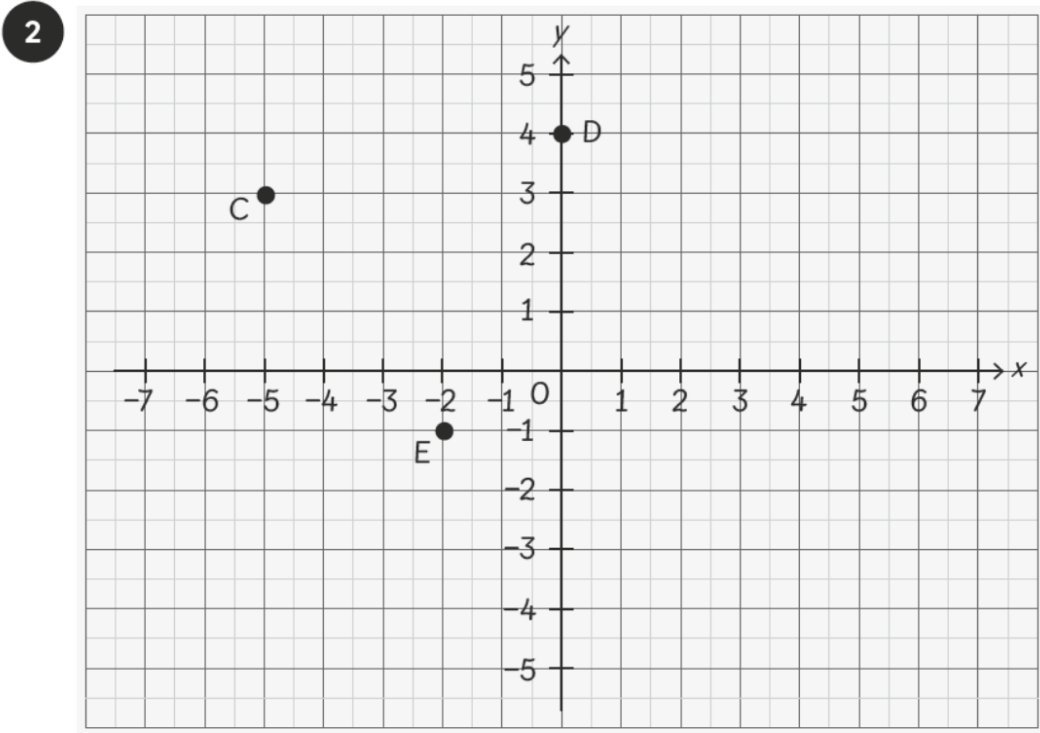
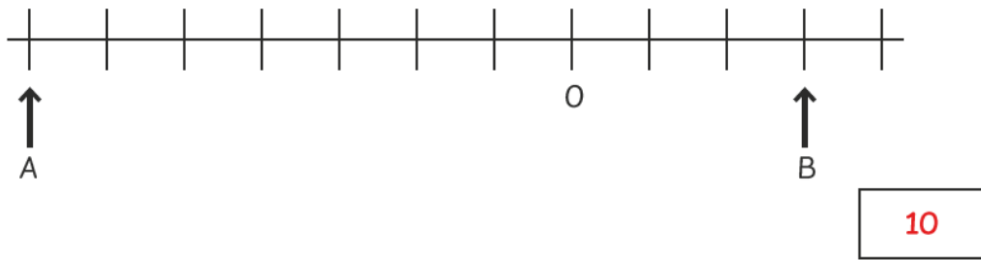


Review 13

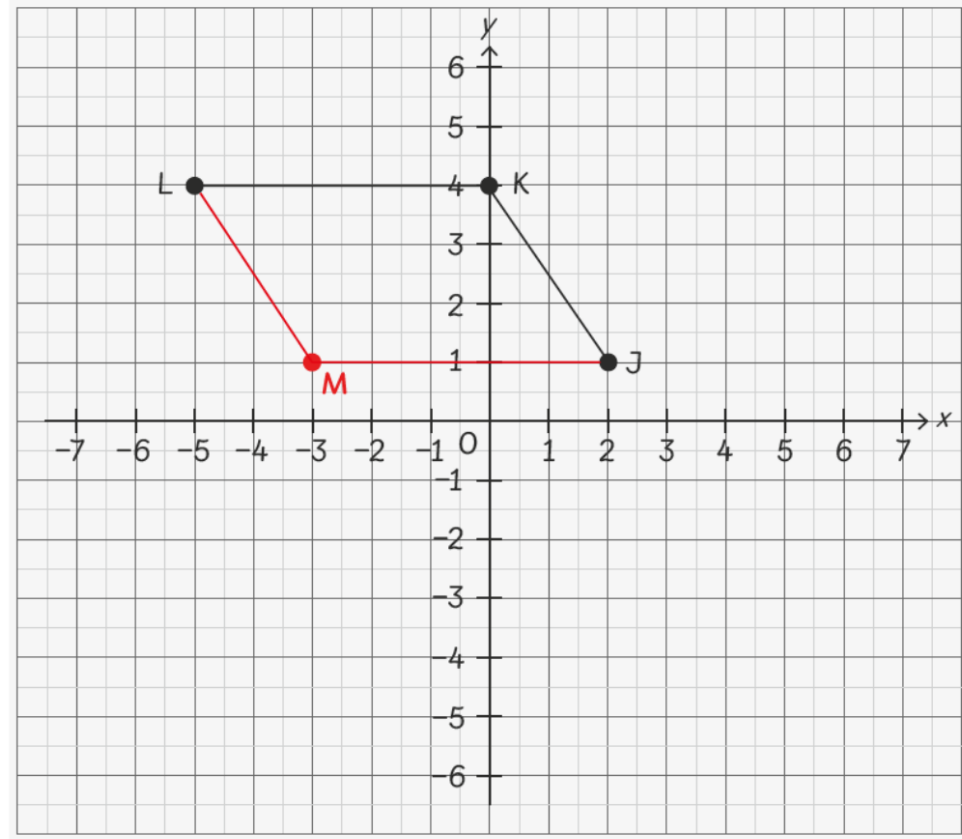
1 Find the difference between the values of A and B.



Write the coordinates:

- (a) of point C (-5, 3) (b) of point D (0, 4) (c) of point E (-2, -1)

3 JKLM is a parallelogram.



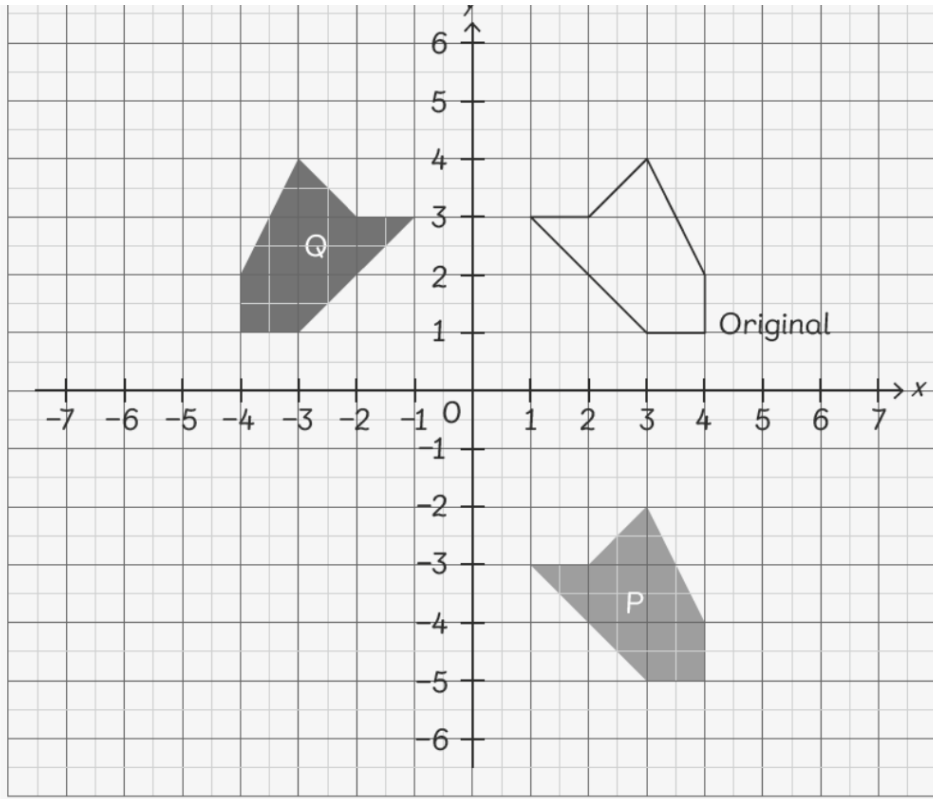
(a) Write the coordinates:

- (i) of point J (2, 1)
(ii) of point K (0, 4)
(iii) of point L (-5, 4)

(b) What are the coordinates of point M? (-3, 1)

(c) Complete the parallelogram.

4



- (a) Describe the movement that gets the shape from the original position to that of P.

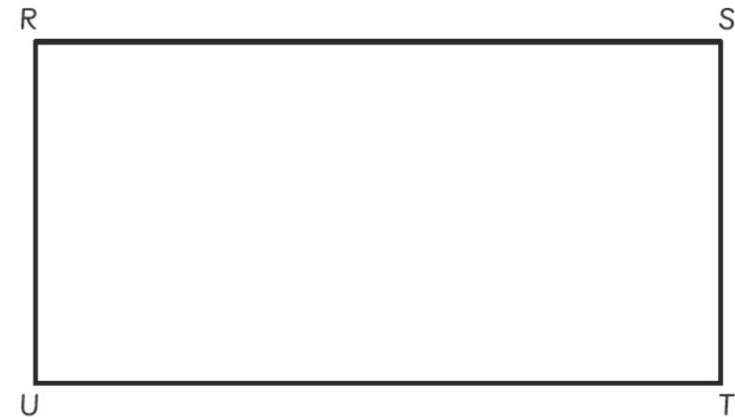
6 units down

- (b) Describe the movement that gets the shape from the original position to that of Q.

Reflection in the y axis

5

The sides of rectangle RSTU are 20 units long and 10 units long. Complete the table.



point	R	S	T	U
coordinates	(a, b)	$(a + 20, b)$	$(a + 20, b - 10)$	$(a, b - 10)$

6

Point X is at (x, y) . After a reflection in the x -axis and a translation of 3 units downwards, its final position is at point Y. What are the coordinates of point Y?

The coordinates of point Y are (x , $-y - 3$).