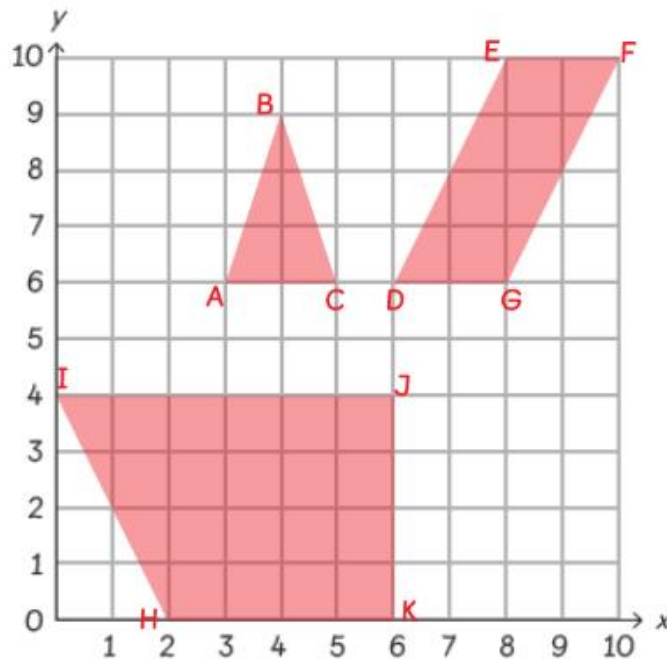




Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## Review 13

- 1 Plot the points and describe the shape formed by each set of coordinates.



- (a) Figure ABC

A (3,6), B (4,9), C (5,6)

Figure ABC is a Isosceles Triangle.

- (b) Figure DEFG

D (6,6), E (8,10), F (10,10), G (8,6)

Figure DEFG is a Parallelogram.

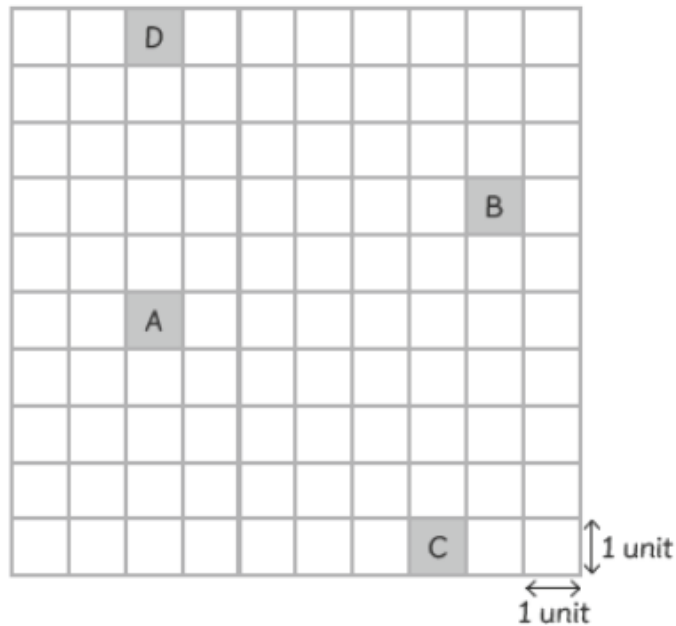


(c) Figure HIJK

H (2,0), I (0,4), J (6,4), K (6,0)

Figure HIJK is a Trapezium.

**2** Describe the translations taking A to each of the positions B, C, D.



(a) From A to B:

6 units to the right then 2 units upwards



(b) From A to C:

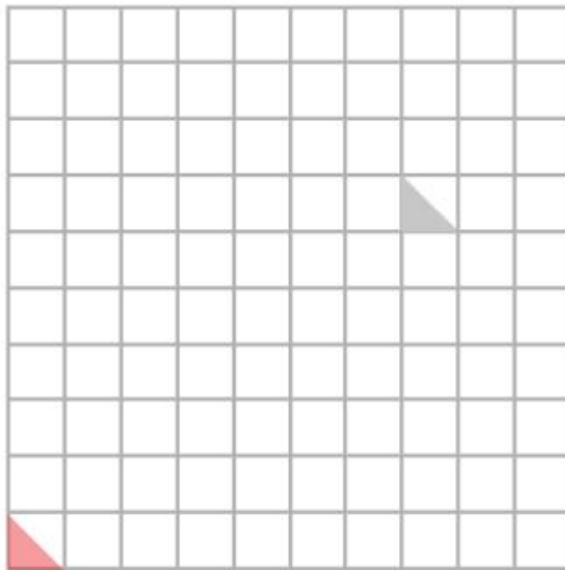
5 units to the right and then 4 units downwards



(c) From A to D:

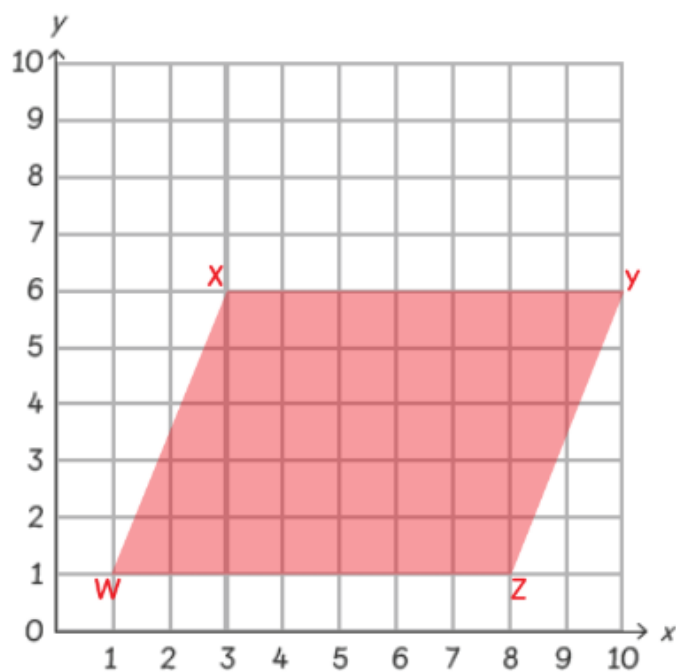
5 units upwards

- 3  translates 7 units to the left and then 6 units downwards.  
Draw to show the new position of  on the grid.





- 4 WXYZ is a parallelogram. The vertices W, X and Y are given by:  
W (1, 1)    X (3, 6)    Y (10, 6)



Plot the vertices W, X, Y and name the coordinates of Z.

Z is at .