

Name: _____ Date: _____

Change the shape

Plot specified points and join them to make a 2-D shape

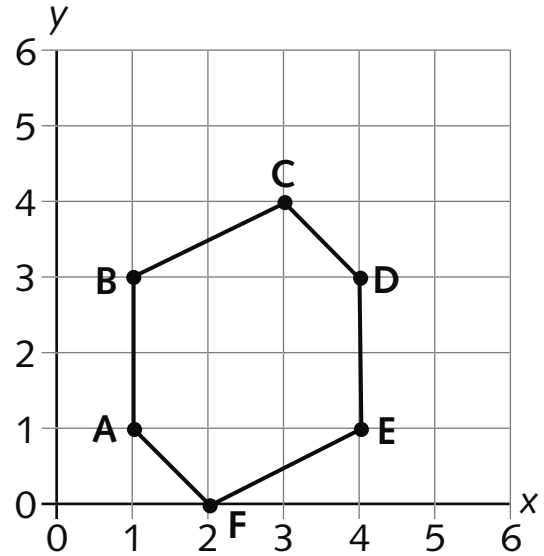
You will need:

- ruler

Challenges
1,2,3

Write the coordinates of the points of the hexagon in the table.

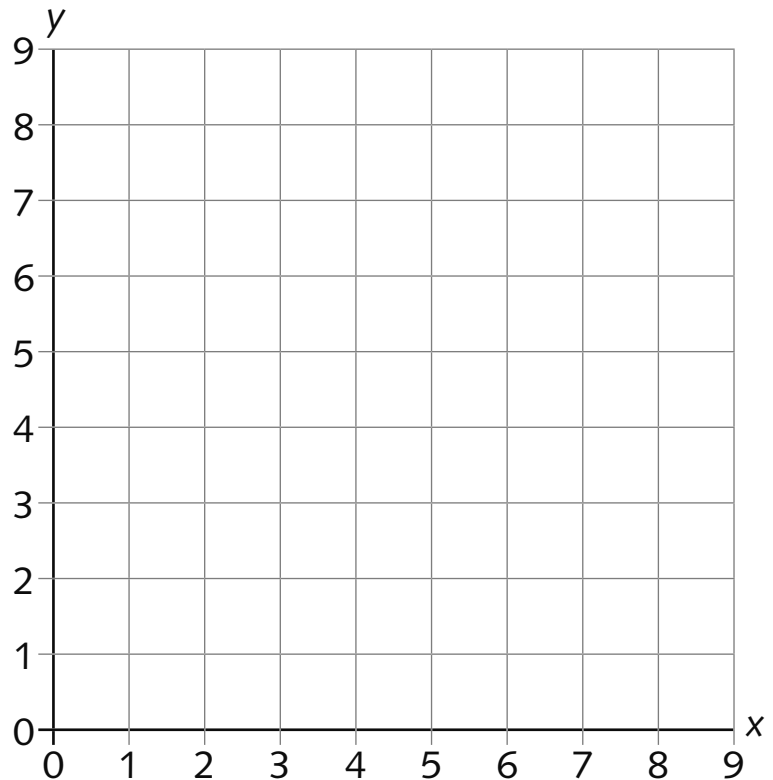
A	(1, 1)
B	
C	
D	
E	
F	



Challenges
2,3

1 Double the x-coordinate of the points **A** to **F** in challenges 1,2,3.

A	(2, 1)
B	
C	
D	
E	
F	



2 Plot the points and join them to make a hexagon.

Challenge
3

Write a statement comparing the hexagons on the two grids.



Write on the back of this sheet how the shape has been changed.

Discuss how the shape would look if both coordinates were doubled.