

Maths

Independent Task

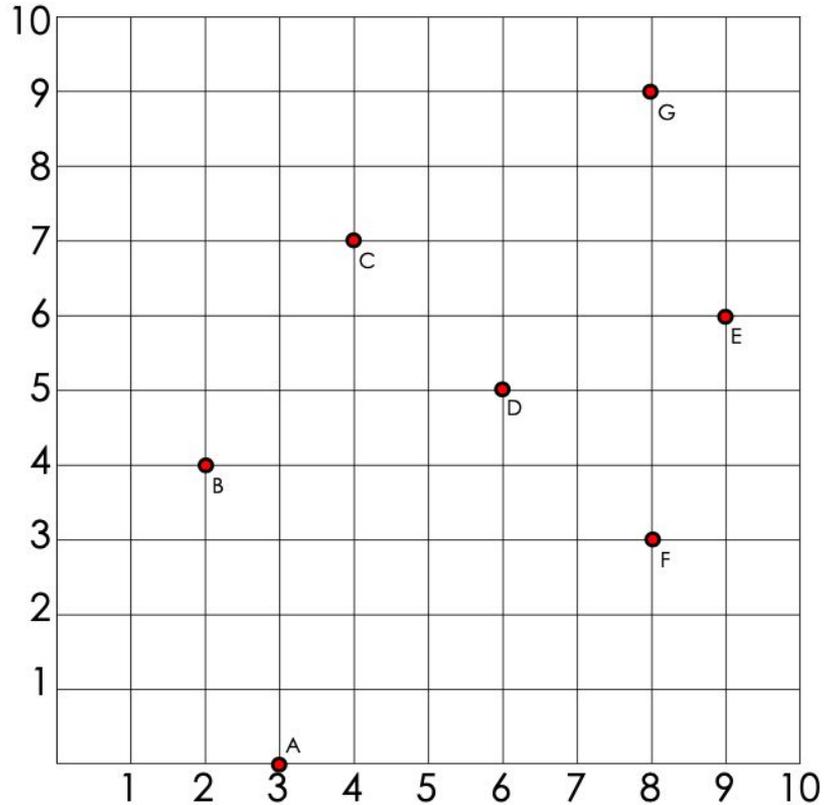
To describe movements between positions as translations of a given unit left/right or up/down

Mr Critchlow



To start

Can you work out the coordinates for each of the points on this grid?

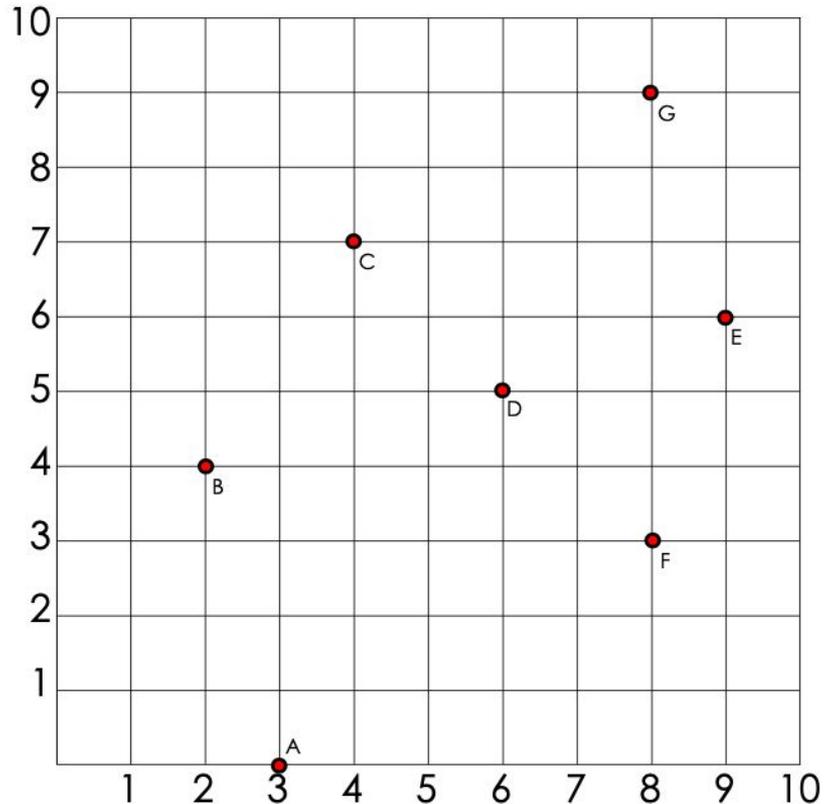


Point	Coordinates
A	
B	
C	
D	
E	
F	
G	



Moving on

Can you figure out how the points have been translated? The first has been done for you.

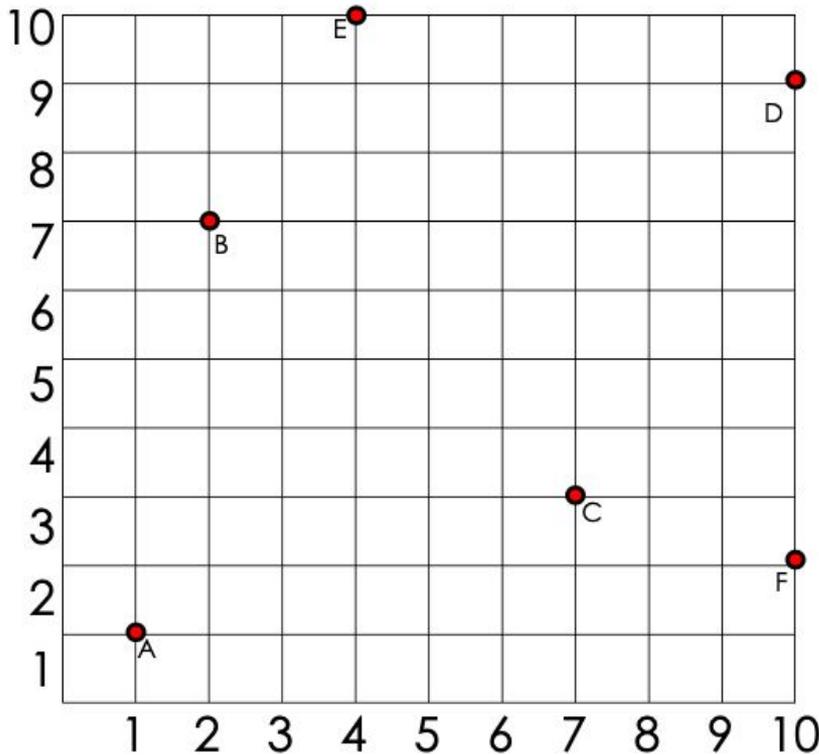


Point	Translation
A to B	1 left , 4 up
B to C	
C to D	
D to E	
E to F	
F to G	
G to A	



Challenge

These are the final translations of some points. Can you work out where each point started?

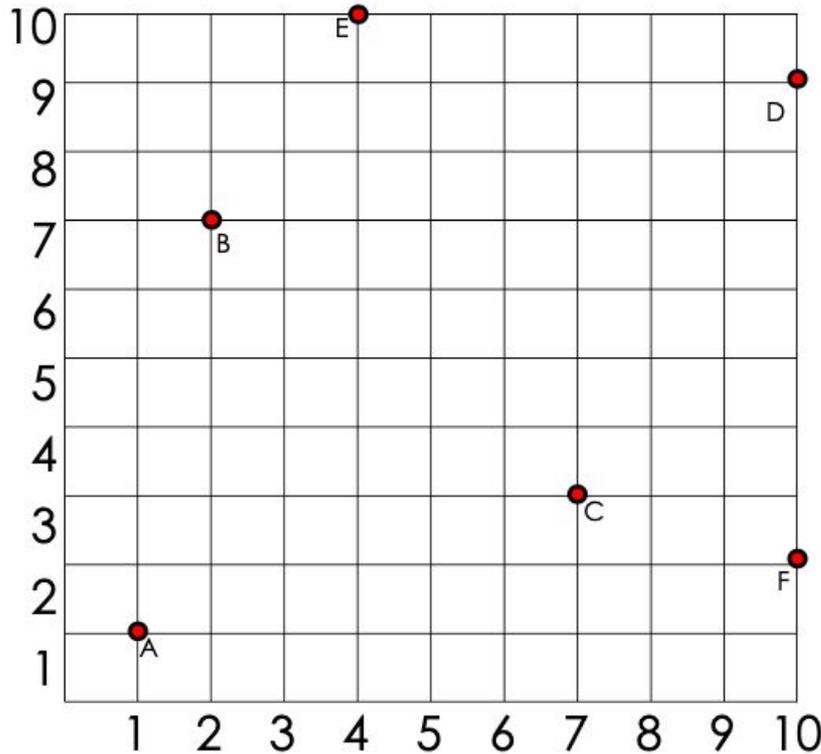


Clue	Start
Point A moves 2 spaces left and 2 down. What were the original coordinates?	
Point B moved 3 spaces left and 2 up. What were the original coordinates?	
Point C moved 1 space right and 3 up. What were the original coordinates?	



Challenge

These are the final translations of some points can you work out where each point started?



Clue	Start
Point D moved 3 spaces right and 0 up. What were the original coordinates?	
Point E moved 1 space right and 9 spaces up. What were the original coordinates?	
Point F moved 8 right and 4 spaces down. What were the original coordinates?	

