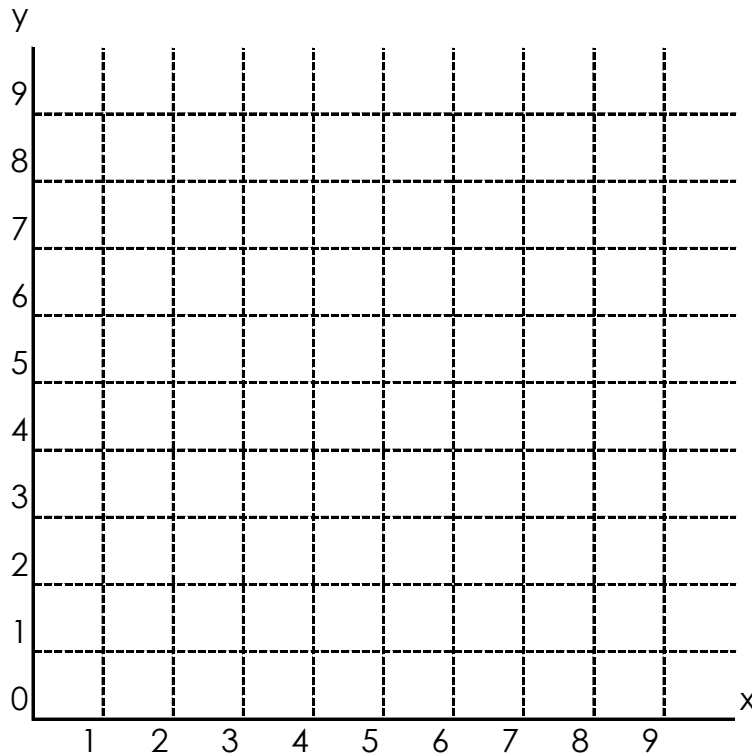


M: Graphs - Plot the coordinates



To plot points or coordinates, we use two perpendicular lines called the x axis and y axis. Let us practise this concept. Plot the given coordinates along the x and Y axis, join the lines and get the figure.

Plot the given cocordinates along the X and Y axis.



1 (1,1) (1,3) (3,1) (3,3) (1,6) (1,8)

2 (3,6) (3,8) (6,1) (6,3) (8,1) (8,3)

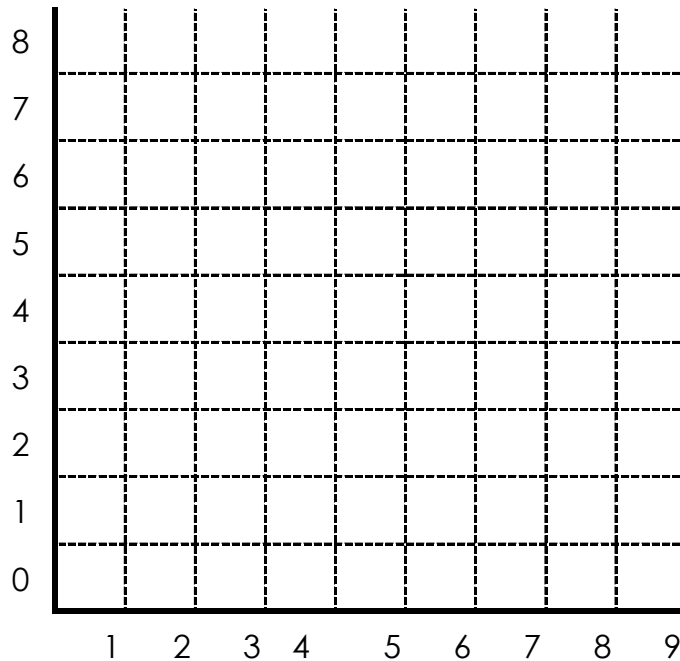
3 (6,6) (6,8) (8,6) (8,8)



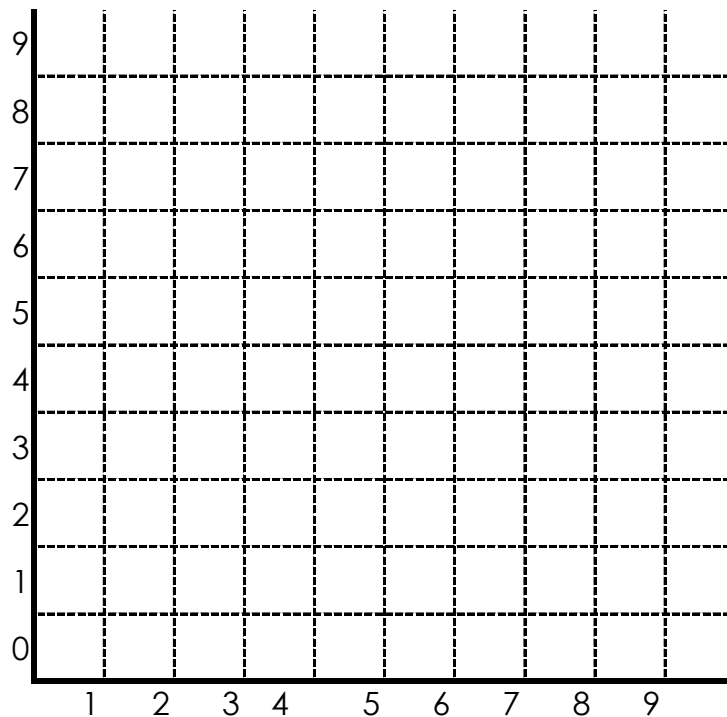
M: Graphs - Coordinate graphing



Coordinate graphing deals with graphing or plotting on the coordinate plane. Plot the coordinates, join them to get the figure.



- A = (2,5)
- B = (4,5)
- C = (4,3)
- D = (2,1)
- E = (1,2)
- F = (2,3)
- G = (1,4)



- A = (4,5)
- B = (4,4)
- C = (2,2)
- D = (2,1)
- E = (0,3)
- F = (1,3)
- G = (3,5)

M: Graphs - Location on grid



A grid is a group of lines that cross each other. A grid has many squares. We describe location in grid using rows and columns. Plot the points in the grids to get the figure. Draw the reflection of the figure and write the new coordinates.

- | | | | | | |
|-------|-------|-------|-------|-------|-------|
| (1,3) | (2,3) | (4,3) | (5,3) | (2,4) | (3,4) |
| (5,4) | (6,4) | (1,4) | (1,5) | (0,5) | (2,5) |
| (2,6) | (3,6) | (5,6) | (6,4) | (6,5) | |

