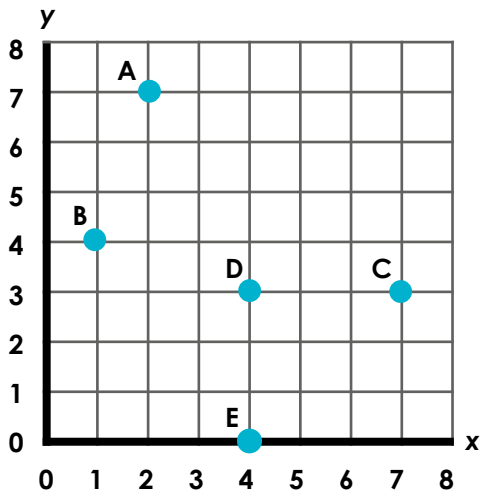


The First Quadrant

1. Write the coordinates of all the marked points on the grid.

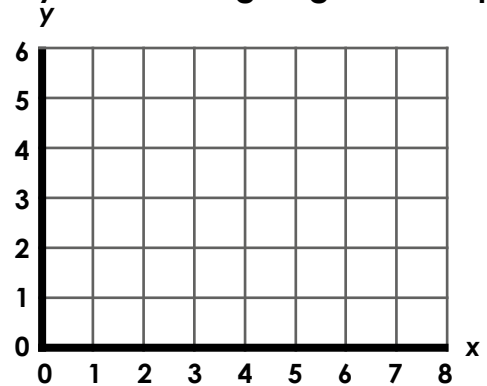


VF

4. True or false?

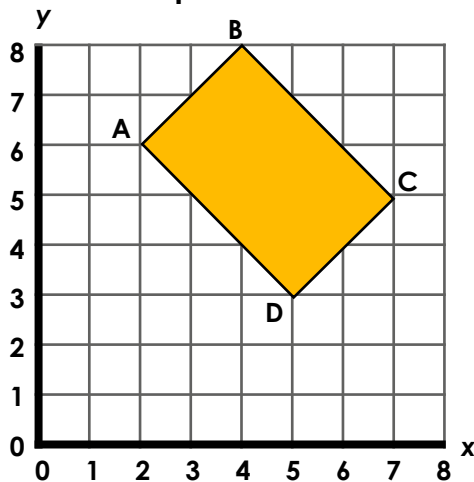
If the value of x in three coordinates is the same, they will create a horizontal straight line because the x axis is horizontal.

Explain your answer giving an example.



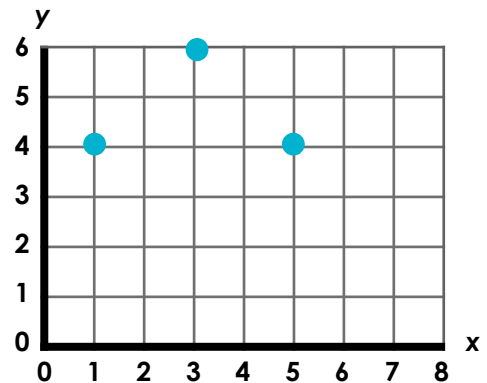
R

2. Look at the shape drawn on the grid below. Write the coordinates of the vertices of the shape.



VF

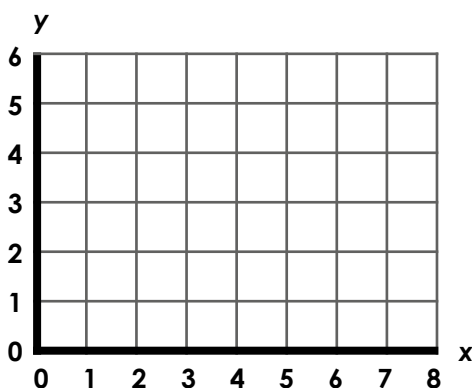
5. Three coordinates out of five have already been plotted. Plot the rest of the coordinates and join them on the grid to create a pentagon.



PS

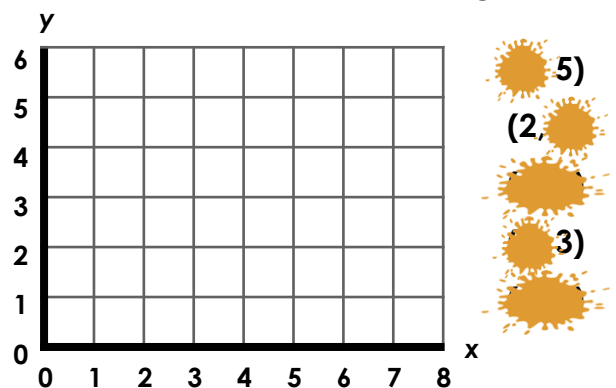
3. Plot the following coordinates on the grid below.

A: (4, 4) B: (5, 0) C: (8, 2)



VF

6. The coordinates below are the vertices of a pentagon but some juice has been spilt and covered some of the digits.



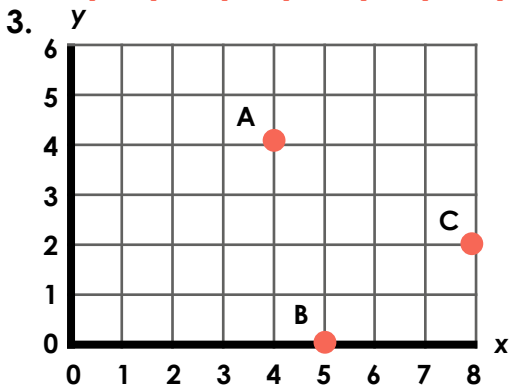
Identify the possible missing coordinates and plot the shape.

PS

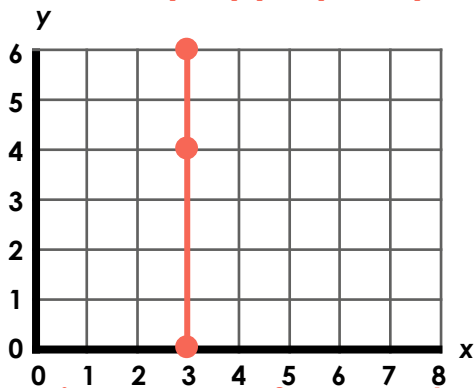
The First Quadrant

1. A. (2, 7); B. (1, 4); C. (7, 3); D. (4, 3); E. (4, 0)

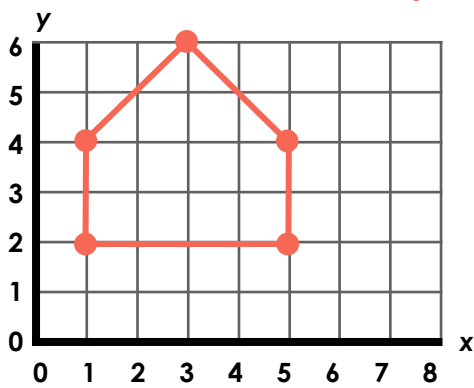
2. A. (2, 6); B. (4, 8); C. (7, 5); D. (5, 3)



4. False. When the value of x is the same in different coordinates, this will create a vertical line. This is because the coordinate will not move along the horizontal x -axis as each coordinate has the same x value. For example, where the x -axis coordinate is 3, the coordinates (3, 0) (3, 4) and (3, 6) create a vertical line as shown below.



5. Various answers, for example:



6. Various answers, for example:

(2, 5) (2, 3) (4, 1) (6, 3) (6, 5); (4, 5) (2, 3) (3, 2) (5, 3) (6, 4); (1, 5) (2, 2) (4, 0) (6, 3) (6, 5);

