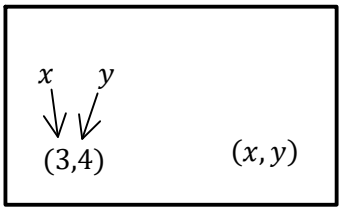
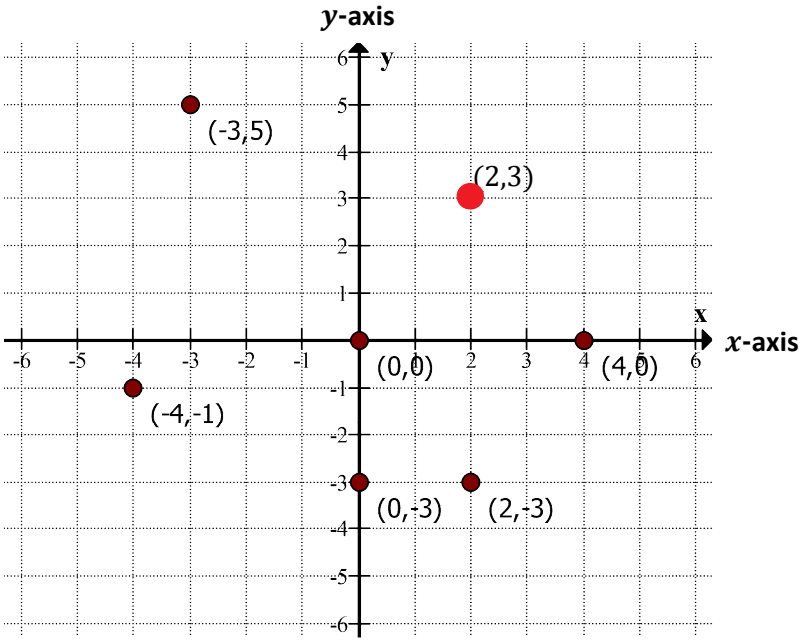
# M8 - 9.1 - Plotting Points Graph Notes

$(x, y)$ A point on a graph is given by an "ordered pair"




Plot the following table of values:

| $x$ | $y$ | **Ordered Pairs** |
|---|---|---|
| 2 | $-3$ | $(2,-3)$ |
| $-4$ | $-1$ | $(-4,-1)$ |
| $-3$ | 5 | $(-3,5)$ |
| 0 | 0 | $(0,0)$ |
| 4 | 0 | $(4,0)$ |
| 0 | $-3$ | $(0,-3)$ |




**Steps to plot a point:**

1. Find the $x$ location on the $x$-axis. (The number in the left of the brackets.)
2. Go straight up or down to the $y$ value. (The number on the right of the brackets).
3. Draw and label the point.