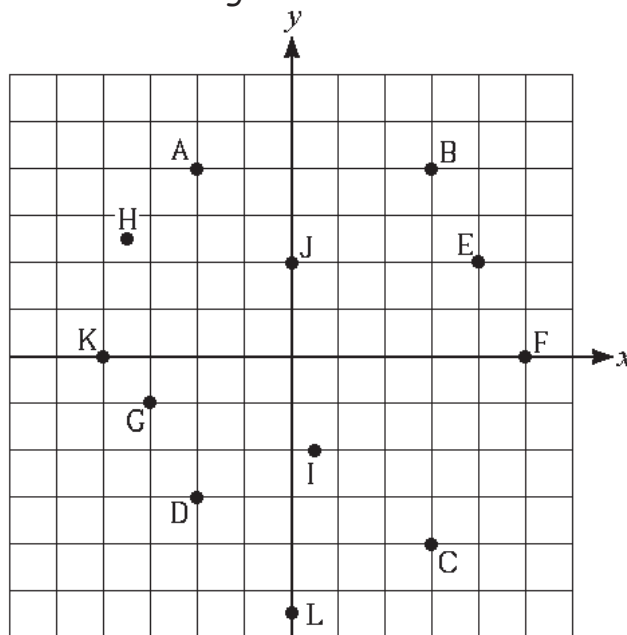


8-1 Coordinates and Graphing

NOTE: In all graphs in section 8-1, both horizontal and vertical grid lines will be spaced one unit apart.

1. Give the coordinates of each point:

- | | |
|---------|---------|
| A _____ | B _____ |
| C _____ | D _____ |
| E _____ | F _____ |
| G _____ | H _____ |
| I _____ | J _____ |
| K _____ | L _____ |



2. a) How far from the x-axis is the point $(3, -4)$?
 b) How far from the y-axis is the point $(-7, 4)$?
 c) How far from the point $(-2, 3)$ is the point $(5, 3)$?
 d) Give at least 5 different points, which are 5 units away from the origin.

3. Plot and label the following points on the grid (you may need to estimate for some).

- | | |
|------------------|---------------|
| A $(3, 7)$ | B $(4, 2)$ |
| C $(-3, 8)$ | D $(-5, -2)$ |
| E $(0, 5)$ | F $(2, 0)$ |
| G $(-6, 0)$ | H $(0, -4)$ |
| I $(2.5, -5)$ | J $(-4.5, 3)$ |
| K $(-0.5, -6.5)$ | |
| L $(5.25, 6.75)$ | |

