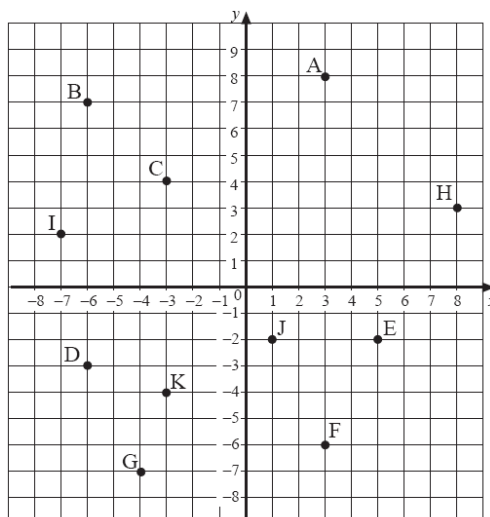


Name: _____

Cartesian System

- 1) Write down the coordinates of each point marked on the following axes



- 2) Join the points with the following coordinates, in order $(1, -1)$, $(1, -2)$, $(-3, -2)$, $(-3, -1)$, $(0, 2)$, $(-3, 2)$, $(-3, 3)$, $(1, 3)$, $(1, 2)$, $(-2, -1)$, $(1, -1)$.

What letter have you drawn?

- 3) If the point (a, b) is in Quadrant I, identify the quadrant of each of the following points:

(a) $(-a, -b)$

(b) $(-a, b)$

(c) (a, a)

- 4) If the point (a, b) is in Quadrant III, then $a < 0$ and $b < 0$. Identify the quadrant of each of the following points:

(a) $(-a, b)$

(b) (b, a)

(c) $(-a, -b)$