

Name : \_\_\_\_\_

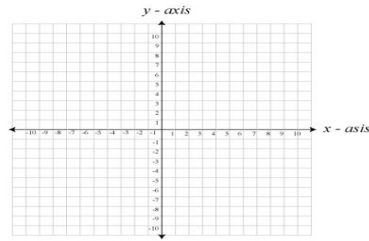
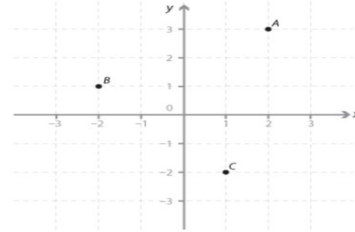
Date : \_\_\_\_\_

# The Cartesian Plane

Answer the questions below correctly.

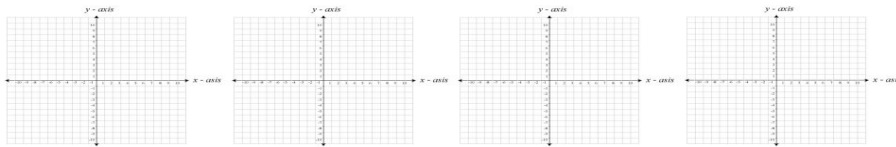
1. State the coordinates of A, B, and C.

- a. ( , )
- b. ( , )
- c. ( , )



2. On the same set of axes below, plot the following points and state which quadrant they lie in:

- a. A(1,5) QUADRANT: \_\_\_\_
- b. B(7,0) QUADRANT: \_\_\_\_
- c. C(-1,3) QUADRANT: \_\_\_\_
- d. D(-5,-9) QUADRANT: \_\_\_\_
- e. E(2,-4) QUADRANT: \_\_\_\_
- f. F(0,1) QUADRANT: \_\_\_\_
- g. G(-8,6) QUADRANT: \_\_\_\_
- h. H(6,10) QUADRANT: \_\_\_\_



3. On different sets of axes below, show all the points with:

- a. x-coordinate equal to 3
- b. y-coordinate equal to -2
- c. negative x-coordinate
- d. positive x and negative y-coordinate