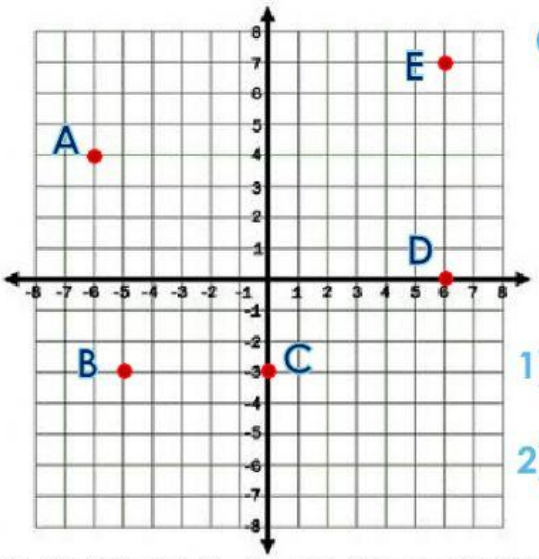
NAME _____ QUARTER _____

GRADE & SECTION _____ DATE _____

Activity: Distance Formula

I. Study the graph. Determine the coordinates of the indicated point then give the distance between the two points.



Coordinates:

A (___, ___) C (___, ___)

B (___, ___) D (___, ___)

E (___, ___)

1) What is the distance between B and C?

___ units

2) What is the distance between D and E?

___ units

II. Identify the coordinates of $Point_1$ and $Point_2$, then set-up the solution to find the diagonal distance.

(round off the answer up to 2 decimal places)

1) The coordinates for

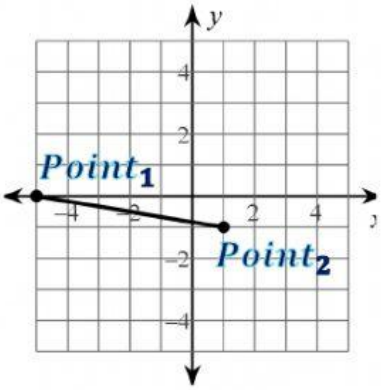
$Point_1$ (___, ___)

$Point_2$ (___, ___)

Using the formula:

$$D = \sqrt{(\_\_\_ - \_\_\_)^2 + (\_\_\_ - \_\_\_)^2}$$

Therefore D = ___ units



2) The coordinates for

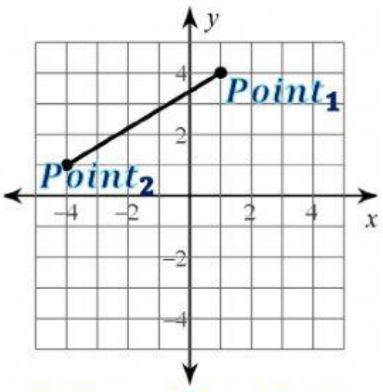
$Point_1$ (___, ___)

$Point_2$ (___, ___)

Using the formula:

$$D = \sqrt{(\_\_\_ - \_\_\_)^2 + (\_\_\_ - \_\_\_)^2}$$

Therefore D = ___ units



How many attempts? ___.
How well did you do?

 Need help!

 Just OK!

 Splendid

I THINK THAT…

_____

_____

Prepared by: QUEENIE PEARL F. DOMASIG