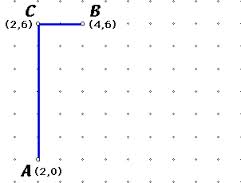
Lesson 9

Distance between two points:

*Distance between C and B*

CB= |2-4|

|-2|= 2

*Distance between C and A*

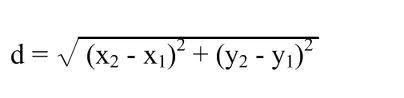
CA= |6-0|

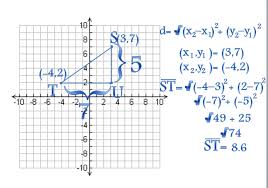
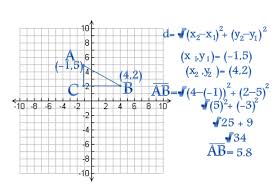
|6|= 6

On the grid you can also just count the units between the points.

If you need to measure the distance between two points that are not on a vertical or horizontal line then use the Distance Formula.

DISTANCE FORMULA (Derived from the Pythagorean Theorem)



Plug in the coordinates from points A and B into

the distance formula.

(notice point B’s number was first in the x’s so B’s y

Should be first in the y’s)

Distance between points T

and S.