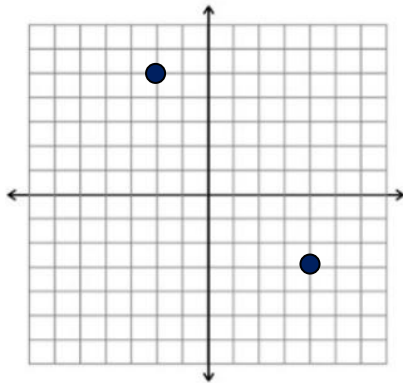Distance Formula/Pythagorean Theorem Notes

Name: _____ Date: _____ Period: _____
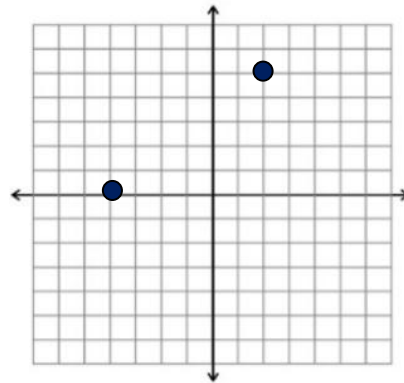
Learning Target: _____

_____

_____

Distance Formula:

Example 1:
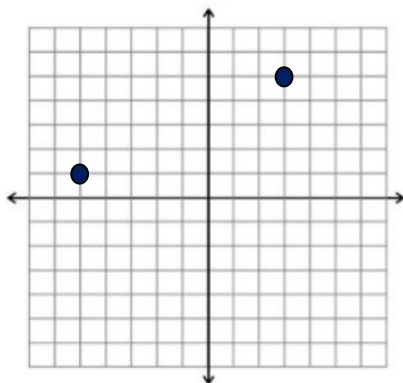
Example 2:

Example 3:

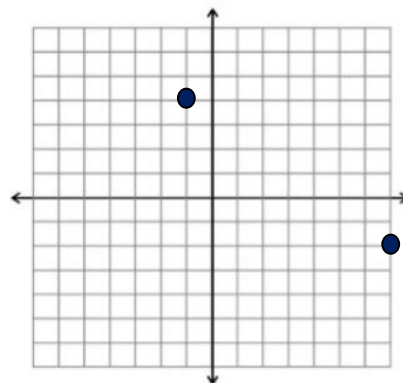Example 4:

Pythagorean Theorem:

Example 1:

Example 2:

Example 3:   Example 4:
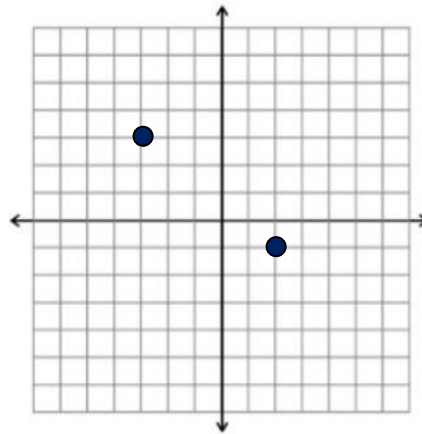
Show me you can do it!

Find the distance, use the method that you prefer.

1. (-4, 6) (2, -7)   3.

2. (0, 3) (5, 8)

Show me you know it!

1. Which method do you prefer?_____

2. Can you get different answers using the Pythagorean theorem and distance formula?_____

3. After we use the one of the formulas can we have a negative number? Why or why not?