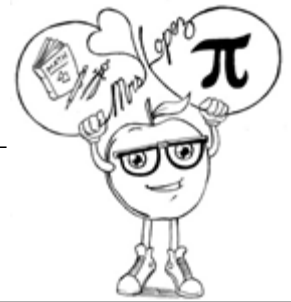


# ASSIGNMENT #7: Distance Formula



Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

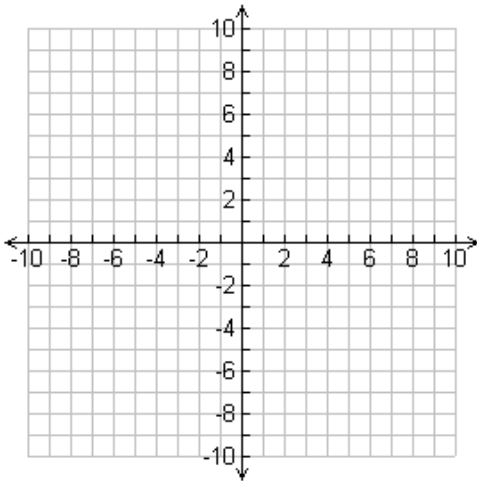
**Distance Formula**  $d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

$$d = \sqrt{[(\quad) - (\quad)]^2 + [(\quad) - (\quad)]^2}$$

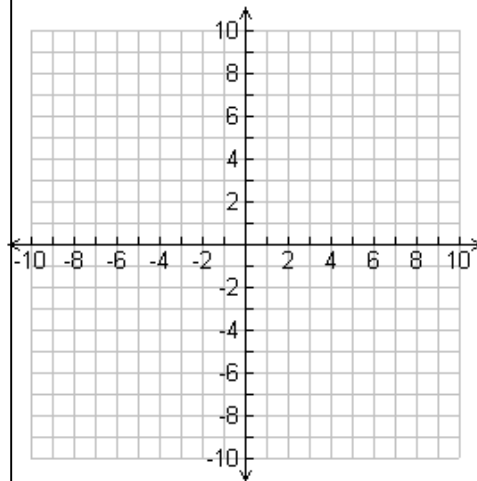
Score: \_\_\_\_\_ /10

**Graph the points and connect them to make a segment for Problems 1 and 2. Find the measure of each segment using the distance formula for Problems (1 - 4). You must write the Distance Formula for each problem and SHOW ALL YOUR WORK! Leave your answer as a Decimal and Round to the nearest hundredth.**

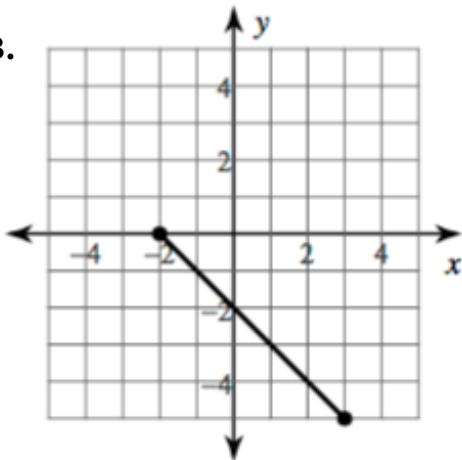
1. (-2, 3), (-7, -7)



2. (2, -9), (-1, 4)



3.



4.

