Distance and Midpoint Formula Homework
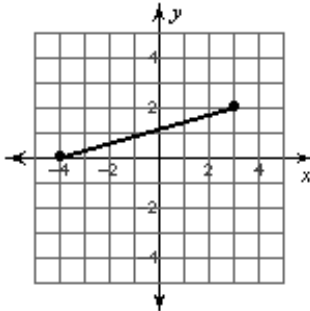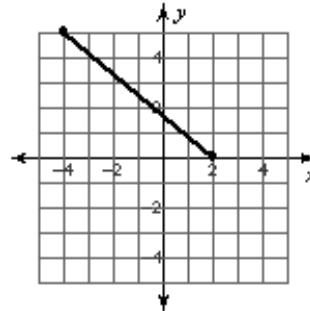
Name:_____

Class Period:_____ Date:_____

Find the **distance** and **midpoint** for 1 and 2

1)

2)

3. Using the distance formula find the distance between points R(-2, -8) and P (-7, -3).

4. Using the distance formula find the distance between points L(-6, 1) and E(4, 5).

Use the Midpoint formula for 5-7.

5. Find the midpoint, M, of segment AB, if A (-4, 10) and B (2, 8)

6. Find the midpoint, M, of segment DF, if D(3, 7) and F(-6, -1)

7. The diameter of a circle has endpoints (-2, 4) and (-6, 12). Find the coordinates of its center.