Distance on the Coordinate Plane

Independent Set 6.05

Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

1. Find the distance between $(-6, 3)$ and $(7, 3)$.

2. Find the distance between $(5, -7)$ and $(5, 4)$.

3. Find the distance between $(-7, 1)$ and $(5, -4)$.

4. Find the distance between $(-2, 5)$ and $(1, -2)$, to the nearest tenth.

5. How far is $(-4, 9)$ from the origin, to the nearest tenth?

6. On a map in kilometers, a pool is at $(-2, -3)$ and a park at $(8, 8)$. How far apart are they in a straight line, to the nearest tenth of a kilometer?