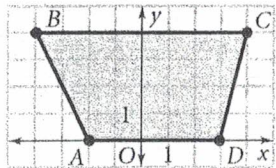


Find the distance AND the midpoint between each pair of points. Round to nearest tenth. MUST SHOW WORK!

1.) $(2, 5)$ and $(0, 7)$	2.) $(-3, 14)$ and $(1, 10)$	3.) $(12, -2)$ and $(-2, -9)$

4.) Find the perimeter:



5.) \overline{PQ} is a diameter of a circle where P $(-1, 8)$ and Q $(-7, 0)$.

a.) Find the center of the circle.

b.) Find the length of the radius.

c.) Find the length of the diameter.