Geometry - Clark

Name_____

Midpoint and Distance Formulas

Date_____ Period_____

Find the midpoint of the line segment with the given endpoints.
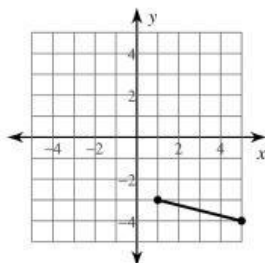
1) $(-4, -2),\ (3, 3)$

2) $(-1, 0),\ (-3, -4)$

Find the other endpoint of the line segment with the given endpoint and midpoint.

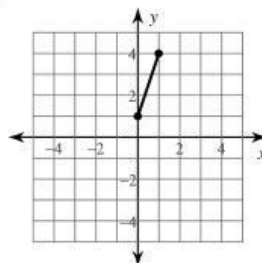3) Endpoint: $(-5, 4)$, midpoint: $(-10, -6)$

4) Endpoint: $(-8, 8)$, midpoint: $(5, -3)$

Find the midpoint of each line segment.

5)

6)

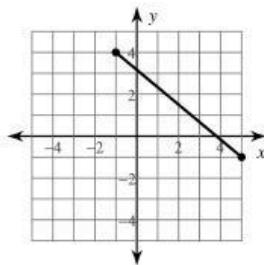**Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary.**
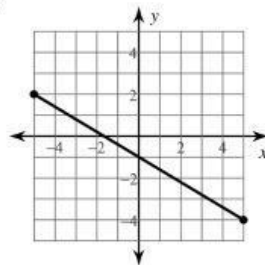
7) $(7, 6)$, $(0, 2)$

8) $(4, 2)$, $(-6, -6)$

9) $(-6, 1)$, $(-3, 1)$

10) $(-3, 6)$, $(2, 1)$
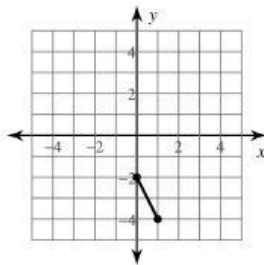
11)

12)

13)

14)

LIVEWORKSHEETS