

Quiz 14 Review

Date _____ Period _____

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

1) Endpoint: $\left(\frac{5}{8}, -\frac{4}{3}\right)$, midpoint: $\left(-\frac{11}{8}, -1\frac{1}{8}\right)$

2) Endpoint: $\left(0, \frac{5}{6}\right)$, midpoint: $\left(2\frac{1}{6}, \frac{5}{7}\right)$

3) Endpoint: $\left(-\frac{2}{3}, -1\right)$, midpoint: $\left(-\frac{3}{2}, -2\frac{1}{3}\right)$

4) Endpoint: $\left(4\frac{2}{3}, -8\right)$, midpoint: $\left(-1, \frac{5}{3}\right)$

Find the distance between each pair of points.

5) $(-1, -4)$, $(-7, 4)$

6) $(-6, -6)$, $(5, -2)$

7) $(6, -5)$, $(8, 4)$

8) $(-6, -6)$, $(5, 4)$