

Name: _____

Class period: _____

Class handout - Distance on the coordinate plane

Find the length of the line segments whose endpoints are given.

a) $(-3, 4)$ and $(-3, 9)$

b) $(2, -2)$ and $(-8, -2)$

c) $(-6, -6)$ and $(-6, 1)$

d) $(-9, 4)$ and $(-4, 4)$

e) $(0, -11)$ and $(0, 8)$

Write the coordinates of a point that is the given distance from the given points.

f) 5 units from $(-1, -2)$

$(?, -2)$

g) 8 units from $(2, 4)$

$(2, ?)$

h) 3 units from $(-7, -5)$

$(7, ?)$

i) 6 units from $(4, -1)$

$(4, ?)$

j) 10 units from $(-1, 9)$

k) 7 units from $(-3, 2)$

$(?, 9)$

$(?, 2)$