**Distance, Midpoint & Slope Instruction**



Slope:

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**Let’s Practice!**

**Directions: Use the Pythagorean Theorem or Distance Formula to find the distance of each then find the slope.**

Ex 1. L (-2, -3), M (4, 0)

**Directions: M is the midpoint of** $\overbar{AB}$**. Find the missing coordinates based on the given information.**

EX2. M(-1,6), B(2,8) Find A(x,y). EX3. M(-5,10), A(-8,6) Find B(x,y)

Pg. 55 #20-23

Find the perimeter and area of each figure with the given verticies.

20.) D(-2,-2), E(-2,3), and F(2,-1) 21.) J(-3,-3), K(3,2), and L(3,-3)



22.) P(-1,1), Q(3,4), R(6,0) and S(2,-3) 23.) T(-2,3), U(1,6), V(5,2),

and W(2,-1)

