

Name _____

Line, line segment, and ray



Mystery-Dot Masterpieces

Detective Mystery is a slick sleuth who knows that lines, line segments, and rays are different. But he's having trouble connecting the clues on this page. Study the examples that help Detective Mystery compare the pictures below.



Directions: Below are 2 Mystery-Dot pictures. Compare each picture by using the clues to help you connect the dots to create lines, line segments, and rays.

1. Clues for Investigation 1

Line segments:

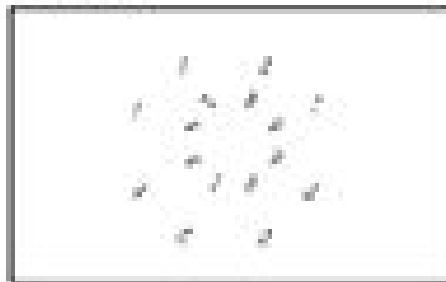
AL, BL, CL, DL

EM, FM, GM, HM

Rays:

AL, BL, CL, DM

EM, FM, GM, HM



2. Clues for Investigation 2

Line segments:

AB, AC, AD, BE, BF, CG, CH, CI, DJ, EK, EL, FO, GP, HQ, IR, JS, KT, LV, MW, NX, OY, PZ

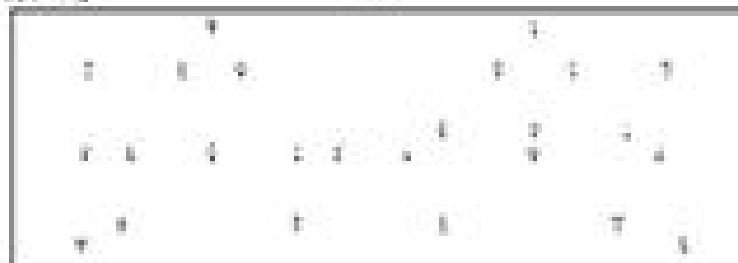
Lines:

Rays:

OP, PQ

Lines:

WX



Remember: On the back of this page, draw a picture that uses any of lines, line segments, and rays.