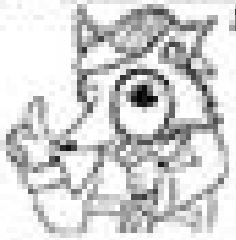
Name _____ Lines, line segments, and rays



Mystery-Dot Masterpieces

Detective Nosworthy is a dot 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. Then help Detective Nosworthy complete the pictures below.

Line **Line Segment** **Ray**

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

1. **Clues for Masterpiece 1**

Line segments:

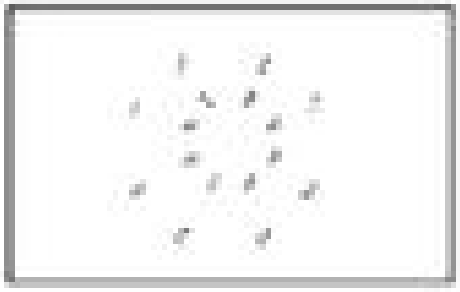
"AB," "BC," "CD," "DE,"

"EF," "FG," "GH," "HI"

Rays:

"A," "H," "D," "D to F"

"D to I," "H to I," "D to C," "H to I"



2. **Clues for Masterpiece 2**

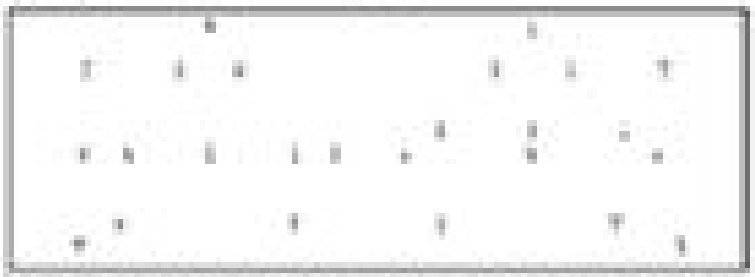
Line segments:

"AB," "AJ," "JK," "DR," "RQ," "QE," "QO," "OT," "BC," "CT," "TV," "BV," "DO"

"CE," "HZ," "DR," "EF," "FL," "HL," "HM," "HG," "GL," "LK," "RW," "JN," "GI"

Rays: Lines:

"JW," "HN," "MX"



Bonus Box: On the back of this page, draw a picture of a mystery-dot book. Give segments, and rays.