

Points, Line Segments, Lines, and Rays

Point



A **point** is pictured by a dot. It is named with a capital letter. This is point A .

Line Segment



A **line segment** is a straight path between 2 points. This is line segment BC or CB . It is written $\overline{BC}$ or $\overline{CB}$.

Line



A **line** is a straight path that goes on forever in **both** directions. This is line DE or ED . It is written $\overleftrightarrow{DE}$ or $\overleftrightarrow{ED}$.

Ray



A **ray** is a straight path that goes on forever in **one** direction. This is ray FG . It is written $\overrightarrow{FG}$.

Write if each is a point, line segment, line, or ray and its name.

Example:



1.



2.



3.



4.



5.



6.



7.



8.



B: Instructions: Use the pencil to match the geometry shape on the left with the definition on the right.



is a part of a line with a starting point and a stopping point.



is any particular spot.



has a starting point but no end point.



goes on forever in both directions.

C: Choose the correct answer.

1. Letter "C" represents a _____.

1. line

2. Line segment

3. ray



2. AB is a _____.

1. line

2. Line segment

3. ray



3. Identify the figure.

1. line KY

2. Line segment KY

3. Ray Ky



4. Identify the figure.

1. line AV

2. Line segment AV

3. Ray AV

