Points and Segments

Α.	Choose the correct answer:	
	1. A point shows	
	a) length only	b) width only
	c) position only	d) height only
	2. What do we call a straight path between two points?	
	a) Ray	b) Line
	c) Segment	d) Curve
	3. Which of the following has two endpoints?	
	a) Ray	b) Line
	c) Line segment	d) Angle
	4. A line segment is	
	a) endless	b) curved
	c) straight with two endpoints	d) straight with one endpoint
	5. A point is represented by	
	a) a dot	b) a circle
	c) a line	d) an arrow
В.	Write the Missing Terms to Complete the Sentences:	
	1. A has no length or breadth	
	2. A line segment has endpoints	
	The shortest distance between two points is a	
	4. A starts at one point and goes on forever in one direction	
	5. A can be named using any two capital letters	
С.	Mark each sentence with a True (✔) or False (X):	
	1. A point has a fixed position	

2. A segment has one endpoint

- 3. A line has no endpoints
- 4. A ray goes in both directions endlessly
- 5. A line segment is a part of a line

D. Figure out the answers to these questions:

- 1. Draw a line segment AB and label its endpoints.
- 2. Name three different line segments from a triangle.
- 3. Mark a point P and draw a line segment PQ.
- 4. Identify and name points, lines, and segments from a given diagram.
- 5. Draw a line and mark any two points A and B on it. Then draw segment AB.

E. Challenge yourself with these questions:

- 1. Draw a line and show three points on it.
- 2. Name any five segments you see in a rectangle.
- 3. Is a ruler an example of a line or segment? Explain.
- 4. Draw two segments and compare their lengths.
- 5. Identify endpoints and name the segment in a triangle ABC.