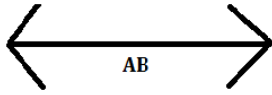


Name \_\_\_\_\_

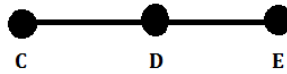
Date \_\_\_\_\_

## Identify and Describe: Points, Lines, and Line Segments

In this worksheet, we will practice identifying and describing points, lines, and line segments. A point is an exact location on a line, line segment, ray, or angle. It is called an endpoint when it is at one end or the other and a vertex (plural vertices) if it is between two lines or line segments. See the examples below:



AB is a line



CDE is a line segment. C, D, and E are all points that can be found on line segment CDE. C and E are endpoints, while D is a vertex.

### Exercise Questions:

Answer questions 1-5 using the diagram below:



1. List all points \_\_\_\_\_

2. Which point is a vertex? \_\_\_\_\_

3. A and B are points on a

- A) Line
- B) Line segment

4. AC is a

- A) Line
- B) Line segment

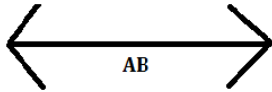
5. If points B and C were connected by a line segment, what shape would be formed? \_\_\_\_\_



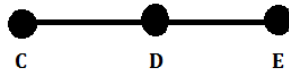
## Answer Key

### Identify and Describe: Points, Lines, and Line Segments

In this worksheet, we will practice identifying and describing points, lines, and line segments. A point is an exact location on a line, line segment, ray, or angle. It is called an endpoint when it is at one end or the other and a vertex (plural vertices) if it is between two lines or line segments. See the examples below:



AB is a line



CDE is a line segment. C, D, and E are all points that can be found on line segment CDE. C and E are endpoints, while D is a vertex.

#### Exercise Questions:

Answer questions 1-5 using the diagram below:



1. List all points A, B, and C

2. Which point is a vertex? A

3. A and B are points on a

- (A) Line
- B) Line segment

4. AC is a

- A) Line
- (B) Line segment

5. If points B and C were connected by a line segment, what shape would be formed? (right) triangle

