

How to Measure Line Segments?

A. Choose the correct answer:

1. Which tool is commonly used to measure line segments?

- a) Compass
- b) Scale (ruler)
- c) Protractor
- d) Divider

2. If one end of the line segment is at 0 cm and the other is at 6 cm, what is its length?

- a) 5 cm
- b) 6 cm
- c) 7 cm
- d) 4 cm

3. What is the correct way to measure a line segment?

- a) Start at 1 cm on the ruler
- b) Start at the end of the ruler
- c) Start at 0 cm on the ruler
- d) Start at the center of the ruler

4. The unit used to measure line segments is

- a) gram
- b) liter
- c) centimeter
- d) kilogram

5. A line segment AB measures 5 cm. What is the length if you double it?

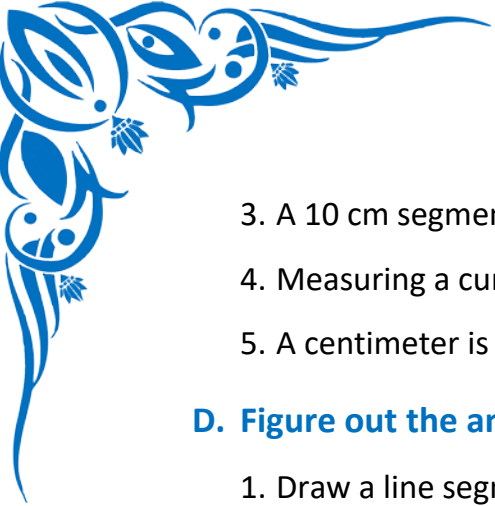
- a) 7 cm
- b) 9 cm
- c) 10 cm
- d) 8 cm

B. Write the Missing Terms to Complete the Sentences:

1. To measure a line segment, place the ____ of the scale at one endpoint
2. A line segment from 0 cm to 4.5 cm is ____ cm long
3. The length of a segment is the ____ between two points
4. A ruler shows measurements in ____ and ____
5. Line segments are measured in units such as ____

C. Mark each sentence with a True (✓) or False (X):

1. A line segment can be measured with a ruler _____
2. We start measuring a line segment from 1 cm on the scale _____



3. A 10 cm segment is longer than a 5 cm segment _____
4. Measuring a curved line is the same as measuring a straight line _____
5. A centimeter is a smaller unit than a meter _____

D. Figure out the answers to these questions:

1. Draw a line segment PQ that is 6 cm long and label its length
2. Measure the length of a pencil line from point A to B using a ruler
3. Draw three line segments of lengths 3 cm, 5 cm and 7.5 cm
4. Find the difference in length between two line segments measuring 9.5 cm and 5 cm
5. If a line segment is 8.2 cm and another is 3.4 cm, find their total length

E. Challenge yourself with these questions:

1. Draw a line segment of 4.6 cm and name it AB
2. Measure and write the length of each side of a rectangle
3. Measure two line segments and find which one is longer and by how much
4. A stick is broken into two pieces of 3.5 cm and 2.8 cm. What was the original length?
5. How do you measure a line segment accurately with a scale?