

# Measuring in Centimeters

NCTM Standards 1, 4, 7, 8, 9, 10

- 1 Measure each segment to the nearest centimeter.

Diagram showing seven line segments labeled A through G, scattered across the page. Segment A is a short diagonal line sloping down to the right. Segment B is a short horizontal line sloping slightly up to the right. Segment C is a very short diagonal line sloping down to the right. Segment D is a short diagonal line sloping up to the right. Segment E is a short diagonal line sloping down to the right. Segment F is a long horizontal line sloping slightly down to the right. Segment G is a long diagonal line sloping up to the right.

A	B	C	D	E	F	G

Draw a segment to match each length.

- 2 8 cm

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- 3 4 cm

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- 4 measures 3 cm when rounded to the nearest centimeter, but is longer than 3 cm

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- 5 Explain how you decided on the length of the segment in Problem 4.

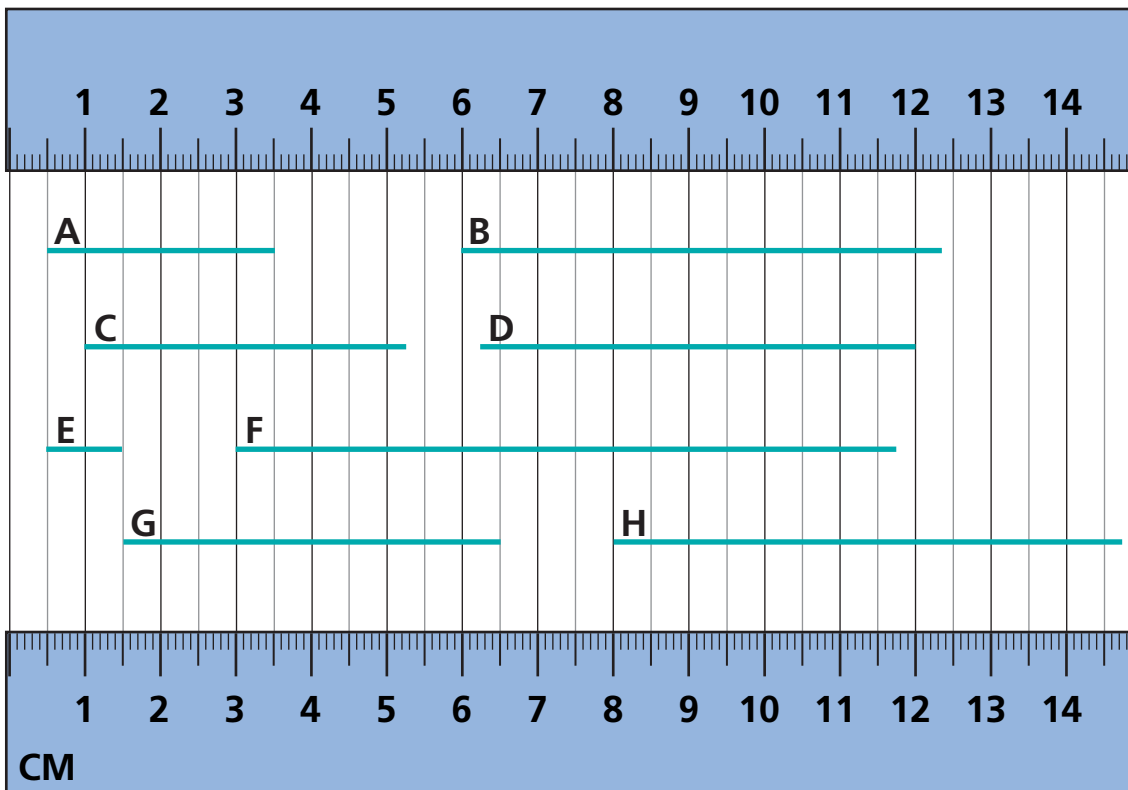
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6 Measure each segment to the nearest centimeter.

A: <input type="text"/> cm	C: <input type="text"/> cm	E: <input type="text"/> cm	G: <input type="text"/> cm
B: <input type="text"/> cm	D: <input type="text"/> cm	F: <input type="text"/> cm	H: <input type="text"/> cm

7 Write the names of the segments in order from shortest to longest.

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8 **Challenge** Which is longer: 3 inches or 7 centimeters?  
How much longer?

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