


**STUDY LINK**  
**4.9**

## Metric Measurements


 $100\text{mm} = 10\text{cm} = 1\text{dm} = 0.1\text{m} = 0.01\text{km}$ 

$\text{mm} \quad 100$ $\text{cm} \quad 10$ $\text{dm} \quad 1$ $\text{m} \quad 0.1$ $\text{km} \quad 0.01$	Bigger number $\downarrow$		$\uparrow$ Smaller number	
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Complete.

- |  |  |
|--|--|
| <p><b>2.</b> 18 cm = _____ mm</p> <p><b>4.</b> 3 m = _____ mm</p> <p><b>6.</b> _____ m = 700 cm</p> <p><b>8.</b> 7.94 m = _____ cm</p> <p><b>10.</b> _____ m = 23 cm</p> | <p><b>3.</b> _____ cm = 40 mm</p> <p><b>5.</b> 4 m = _____ cm</p> <p><b>7.</b> 4.6 m = _____ cm</p> <p><b>9.</b> _____ m = 450 cm</p> <p><b>11.</b> 0.6 m = _____ cm</p> |
|--|--|

 Measure each line segment to the nearest  $\frac{1}{2}$  cm.

- 12.** \_\_\_\_\_
- About \_\_\_\_\_ centimeters
- 13.** \_\_\_\_\_
- About \_\_\_\_\_ centimeters

**Practice**

Insert &lt; or &gt;.

- 14.** 0.68 \_\_\_\_\_ 0.32      **15.** 9.13 \_\_\_\_\_ 9.03      **16.** 0.65 \_\_\_\_\_ 0.6