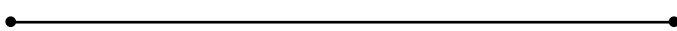
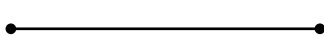
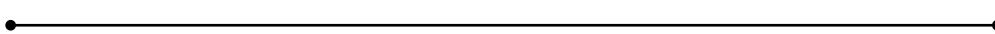


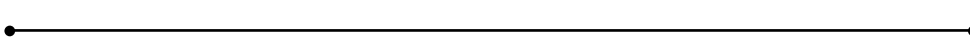
Metric Units of Length

Measure each line segment to the nearest decimeter, centimeter, and millimeter.

1. 

2. 

3. 

4. 

Complete.

5. $50 \text{ dm} = \underline{\hspace{2cm}} \text{ m}$

6. $7 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

7. $\underline{\hspace{2cm}} \text{ m} = 5,000 \text{ cm}$

8. $40 \text{ dm} = \underline{\hspace{2cm}} \text{ cm}$

9. $\underline{\hspace{2cm}} \text{ m} = 8 \text{ km}$

10. $9,000 \text{ mm} = \underline{\hspace{2cm}} \text{ dm}$

Compare. Write $>$, $<$, or $=$ for each \bigcirc .

11. $40 \text{ cm} \bigcirc 400 \text{ mm}$

12. $4 \text{ km} \bigcirc 4,000 \text{ m}$

13. $2,300 \text{ mm} \bigcirc 22 \text{ m}$

For Exercises 14–15, write the metric unit of length that is reasonable.

14. A door is about 1 _____ wide.

15. A dog is about 5 _____ high.



Test Prep

16. Alita has pieces of rope measuring 7 meters, 690 decimeters, 680 centimeters, and 7,100 millimeters. Which piece of rope is the longest?

A 7 m

C 690 dm

B 680 cm

D 7,100 mm

17. $9 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

A 0.9

C 900

B 90

D 9,000