tutorified
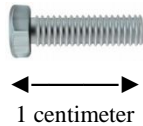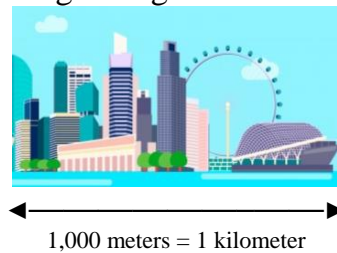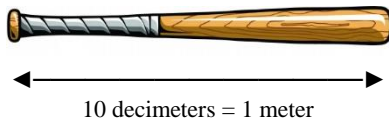
3.MD.B.4: Generate measurement data by measuring lengths using rulers.

Use centimeters (cm) and decimeters (dm) to measure short lengths.
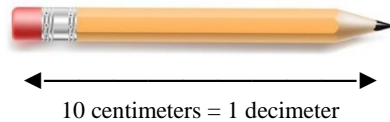
1 centimeter

10 centimeters = 1 decimeter

Use meters (m) and kilometers (km) to measure longer lengths.

10 decimeters = 1 meter

1,000 meters = 1 kilometer

Choose the best estimate.

1. length of a cucumber

   2 cm   2 dm   2 m

2. length of a pen

   12 cm   12 dm   12 m

3. length of a stapler

   15 cm   15 dm   15 m

4. length of a television

   3 dm   30 cm   300 m

5. length of a paper

   20 cm   20 dm   20 m

6. length of a board eraser

   10 cm   10 dm   10 m

Write the missing number in each blank.

7.   50 cm = _____ dm

8.   1,000 m = _____ km

9.   30 dm = _____ m

10.   7 m = _____ cm

11.   80 dm = _____ m

12.   7 km = _____ m

Compare. Write >, <, or =.

13.   40 cm _____ 6 dm

14.   300 cm _____ 13 dm

15.   5 km _____ 5,000 m

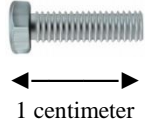16.   50 dm _____ 6 m
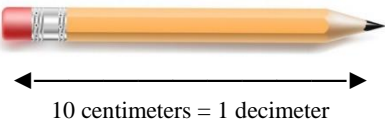
17.   8 dm _____ 2 m

18.   8 dm _____ 2 m

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Using Metric Units of Length

Answer Key

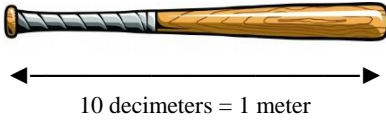Use centimeters (cm) and decimeters (dm) to measure short lengths.
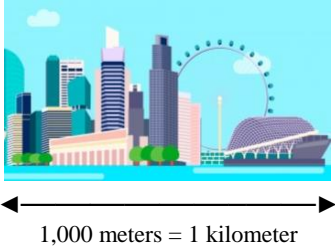
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3 dm   30 cm   300 m

5. length of a paper

20 cm   20 dm   20 m

6. length of a board eraser

10 cm   10 dm   10 m

Write the missing number in each blank.

7.   50 cm = __5__ dm

8.   1,000 m = __1__ km

9.   30 dm = __3__ m

10.   7 m = __700__ cm

11.   80 dm = __8__ m

12.   7 km = __7,000__ m

Compare. Write >, <, or =.

13.   40 cm __<__ 6 dm

14.   300 cm __>__ 13 dm

15.   5 km __=__ 5,000 m

16.   50 dm __<__ 6 m

17.   8 dm __>__ 2 m

18.   8 dm __>__ 2 m