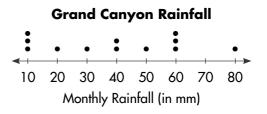


12. Higher Order Thinking Park rangers at the North Rim of the Grand Canyon recorded the amounts of rainfall over 12 months. What was the total amount of rainfall in centimeters?
47 cm

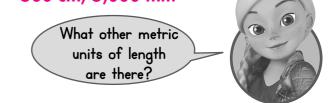


- 13. What is the difference between the greatest and least amounts of monthly rainfall? Write an equation to model your work.
 70 mm; 80 10 = 70
- 14. Arturo builds a cube that measures5 inches on each side. What is the volume of Arturo's cube? Write an equation to show your work.

125 in³; $5 \times 5 \times 5 = 125$

 Use Structure List three measurements with different units that are equal to 5 meters.

Sample answer: 0.005 km; 500 cm; 5,000 mm



16. If you walked all three trails in one day, how far would you walk? Write the answer in meters and in kilometers.
6,000 m; 6 km

_(Trail	Length
DATA	Spring Hollow	2 km
	Brookside	2,400 m
	Oak Ridge	1 km 600 m

Assessment Practice

- **18.** Cory finds a leaf that is 5 cm long. Which measurement is equivalent to 5 cm?
 - (A) 0.05 mm
 - B 0.5 mm
 - C 50 mm
 - **D** 500 mm

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17. Explain how you can move the decimal point to convert 3,200 meters to kilometers.

Sample answer: To convert meters to kilometers, you divide by 1,000. You can move the decimal point 3 places to the left in 3,200 m to get 3.2 km.

- **19.** Which of these number sentences is **NOT** true?
 - (A) 4,000,000 mm = 4 km
 - B 300 mm > 3 cm
 - 5 m > 5,000 mm
 - D 2,000 m < 20 km</p>

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