

Relating Customary and Metric Measurements

Complete. Round to the nearest tenth.

- 100 cm \approx _____ in.
- 16.5 gal \approx _____ L
- 24.8 kg \approx _____ lb
- 375 yd \approx _____ m
- 11.5 ft \approx _____ cm
- 24 oz \approx _____ mL
- Estimation** Use $1 \text{ t} \approx 1.1 \text{ T}$ to estimate the number of tons in 10 t. _____

- Connections** If a recipe calls for 4 c of milk, and you have 1 L of milk, would it be enough? _____

Convert each. Round to the nearest tenth.

- The number of feet in the 200 m race _____
- The number of miles in the 5,000 m race _____
- The number of miles in the 20 km race _____
- The phrase *800 lb gorilla* means you are facing a tough task. How might you change this phrase to express it in metric terms?

Test Prep

- Sarah had 12 oz of milk in her glass. She drank 5 oz. How many mL does she have left?
A. 2.1 **B.** 21.1 **C.** 210 **D.** 2,100
- Writing in Math** Billy wants to ride the roller coaster. A sign says he must be 138 cm tall. Explain how Billy can convert the measurement to feet and inches.

