

Measuring Length 2

1. Which is a reasonable measurement?

<p>a. man's height</p> <p>240 cm 175 cm 145 cm</p>	<p>b. football field</p> <p>100 yd 20 yd 5 yd</p>	<p>c. width of a book</p> <p>50 cm 14 in. 6 in.</p>	<p>d. length of a paper clip</p> <p>3 cm 8 cm 3 in.</p>
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2. Fill in a suitable unit of length.

- a. A 2-year old child is 78 _____ tall. d. Jane's bedroom is 4 _____ wide.
- b. An adult woman is 65 _____ tall. e. The swimming pool is 20 _____ deep.
- c. A laptop is 13 _____ wide. f. Dad drives 5 _____ to work.

3. Fill in the tables.

<u>Metric units of length</u>	<u>Customary units of length</u>	<u>How many...</u>
<p>10 → millimeter</p> <p>_____ → _____</p> <p>_____ → decimeter</p> <p>_____ → _____</p> <p>1000 → (decameter)</p> <p>_____ → (hectometer)</p> <p>_____ → _____</p>	<p>12 → _____</p> <p>_____ → foot</p> <p>_____ → _____</p> <p>1,760 → _____</p> <p>_____ → _____</p>	<p>millimeters in a meter?</p> <p>centimeters in a meter?</p> <p>inches in a yard?</p> <p>feet in a mile?</p>

4. Convert.

- a. 34 in. = ___ ft ___ in. b. 5 m = _____ cm c. 18 ft 7 in. = _____ in.
- 325 in. = ___ ft ___ in. 3 km = _____ m 156 ft = ___ yd ___ ft
- d. 491 in. = ___ ft ___ in. e. 54 cm = _____ mm f. 297 ft = ___ yd ___ ft
- 98 in. = ___ ft ___ in. 7 dm = _____ cm 3 mi 350 yd = _____ yd

5. a. Mary's ten steps measure 5 m 69 cm. How long is one step?

b. John's ten steps measure 10 ft 6 in. How long is one step?

c. Greg took exactly 18 steps to cross a 21-foot-long room. How long is one step?

d. How long is your step? Mark a line on the ground or floor. Walk from the line forward steadily 10 (or 5) steps. Mark where you stopped, and measure the distance. Then divide by 10 (or 5)!