

# Measuring Length 2









1. Which is a reasonable measurement?

a. man's height	b. school yard	c. school book width	d. length of paper clip
240 cm	100 yd	50 cm	3 cm
175 cm	20 yd	18 in	8 cm
145 cm	5 yd	6 in	3 in

2. Fill in a suitable unit of length.

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

3. Fill the tables.

<u>Metric units of length</u>	<u>Customary units of length</u>	<u>How many...</u>
10  Millimeter	12  _____	millimeters in a meter?
—  _____	—  Foot	centimeters in a meter?
—  _____	1760  _____	inches in a yard?
1000  (Decameter)	_____	feet in a mile?
_____  (Hectometer)	_____	

4. Convert.

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

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

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

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

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