Converting Units of Length

1. Fill in the tables.

ft/in	Inches
1 ft	12
2 ft	
2 ft 3 in	
3 ft	
3 ft 8 in	
4 ft	
5 ft 4 in	
6 ft 7 in	

ft/in	Inches
1 ft 3 in	15
	24
	25
	37
	48
	50
	66
	78

yards	feet
1	
	9 ft
3 yd 2 ft	
	12 ft
	14 ft
10 yd	
11 yd 1 ft	
	37 ft

m / cm	cm
1 m 40 cm	
2 m	
2 m 54 cm	
	300 cm
	314 cm
4 m 52 cm	
	739 cm
	1000 cm

2. Find the perimeters. Solve the problems.

a. Long sides are 6 ft 4 in, short sides are 2 ft 10 in.

P = _____ ft _____ in

b. Each side is 8 in.

P = _____ ft _____ in

c. Each side is 45 cm.

P = _____ m _____ cm

d. Two pieces of board are a total of 2 meters long. One piece is 1 m 40 cm. How long is the other piece?

e. A 10-meter wall is divided into five segments (not of equal length). Four of the segments are 1 m 20 cm each; how long is the fifth segment? Draw a picture to help.

f. Two wooden pieces are a total of 5 ft long. Find the length of the second piece.

The first piece is...	2 ft	2 ft 5 in	2 ft 9 in	3 ft 4 in	3 ft 10 in	4 ft 2 in
The second piece is...						