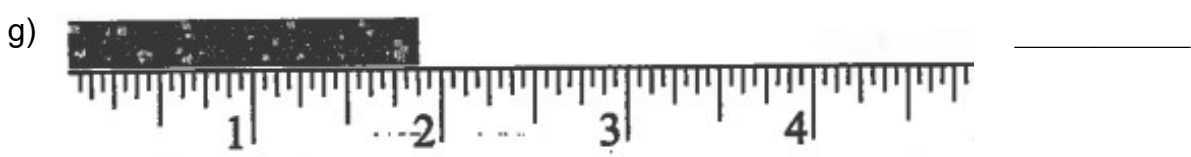
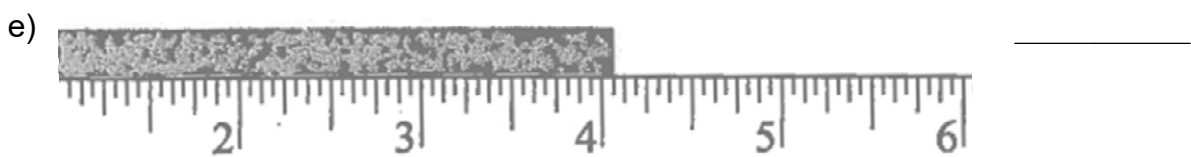
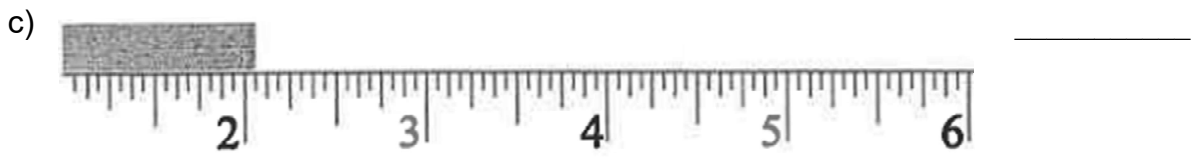


Apprenticeship Math 12
ASSIGNMENT: Imperial Measurement

Name: _____

Date: _____

1. Find the length of each object below to the nearest $\frac{1}{16}$ th of an inch.



2. Convert the following imperial length measurements. Show your work!

a) 12 ft = _____ yd

b) 8800 yd = _____ mi

c) 5 mi = _____ ft

d) 21 ft = _____ in.

e) 48 in. = _____ yd

f) 9 yd = _____ ft

g) 26 400 ft = _____ mi

h) $6 \frac{1}{4}$ yd = _____ ft

i) $2 \frac{3}{4}$ mi = _____ yd

3. Convert the following imperial length measurements. Show your work!

a) 94 in = _____ ft _____ in.

b) 34 ft = _____ yd _____ ft.

c) 4 ft 11 in. = _____ in.

d) 11 yd 2 ft = _____ ft

4. Find the length of each object below. Express your answers in feet and inches (for example: 4 ft $3\frac{3}{4}$ in.)



5. Ray is building a fence for his garden using panels that are sold in 8 ft lengths. The perimeter of his garden is 32 yd. How many fence panels should he buy?

6. The Olympic Marathon is a running race that is 26 miles 385 yards long. If Sebastian's stride is about 1 yard long, how many strides will he take in a marathon run?

7. Riley bought 50 ft of rope. He cut off pieces that total 34' 8" so far. How much rope does he have left?

8. A pet store has 10 cages for sale. They are 5 cages that are 2'8" wide, 3 cages that are 4'6" wide, and 2 cages that are 1'8" wide. Can these cages fit side by side along a wall that is 30' long?
