Lesson 1 Measurement Problem:

Complete the missing measurements below.

a) 36 in = ___ ft = ___ yd. = ___ mi.

b) ___ mm = ____ cm = ___ m = ___ 5 km

c) ___ oz = ___ lbs. = 2 tons

d) 9 kg = ___ grams

e) 6 cups = ____ pt = ______ qt = _____ gal

f) _____ ml = ______ l = 8 kL

Explanation:

Step 1) First see what is being asked.

Step 2) We have to write the proper measurements.

1 inch = .0833 ft = .0277 yd = 1.5782 mi

a) 36 in = ___ ft = ___ yd. = ___ mi.

36 inches = 3 feet

3 feet = 1 yard

1 yard = .000568 mile

Mm 1 000 000 = 10,000 cm = 1000 m = 1 km

b) ___ mm = ____ cm = ___ m = ___ 5 km

5 Km = 5000 m
5000 m = 50,0000 cm
50,0000 cm = 5e+6 mm

32000 oz = 2000 lbs = 1 ton
c) ___ oz = ___ lbs. = 2 tons
   2 tons = 4000 pound
   4000 pound = 64000oz

1 kg = 1000 grams
d) ) 9 kg = ___ grams
   9 kg = 9000 grams

1 cup = .5 pt = .25 qt = .0625 gal
e) 6 cups = ____ pt = ______ qt = _____ gal
   6 cups = 3 pint
   3 pint = 1.5 quart
   1.5 quart = .375 gal

1 000 000 ml = 1000 l = 1 kl
f) _____ ml = ______ l = 8 kl
   8 kl = 8000 l
   8000 l = 8,000,000 ml