

Measuring Worksheet 15

Convert the measuring units as indicated.

1a. 2.25 gal = _____ qt

1b. 52140 ft = _____ mi

1c. 1.336 gal = _____ oz

2a. 4.453 km = _____ m

2b. 24 oz = _____ qt

2c. 5 C = _____ oz

3a. 103 in = _____ ft

3b. 3 pt = _____ qt

3c. 72 oz = _____ qt

4a. 42 oz = _____ gal

4b. 3.5 qt = _____ C

4c. 5.8 T = _____ lb

5a. 1.3 T = _____ lb

5b. 5.875 C = _____ oz

5c. 2.25 lb = _____ oz

6a. 5078 m = _____ km

6b. 10300 lb = _____ T

6c. 0.875 qt = _____ oz

7a. 12 C = _____ qt

7b. 57 ft = _____ yd

7c. 7 pt = _____ qt

8a. 36300 ft = _____ mi

8b. 33 ft = _____ yd

8c. 8691 m = _____ km

9a. 3 gal = _____ qt

9b. 4.75 gal = _____ qt

9c. 3.625 C = _____ oz

10a. 750 cm = _____ m

10b. 312 oz = _____ gal

10c. 1.073 L = _____ ml

11a. 21.667 yd = _____ ft

11b. 2.125 mi = _____ yd

11c. 4180 yd = _____ mi

12a. 9.304 L = _____

12b. 6.625 C = _____ oz

12c. 14 in = _____ ft

Length Word Problems

Name: _____ Class: _____

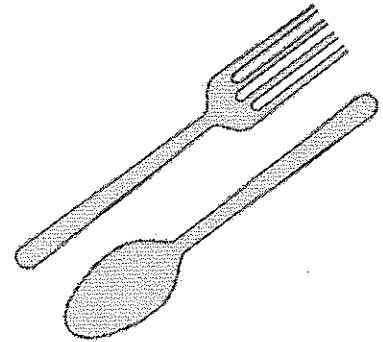
1 mile = 1609.34 m, 1 yard = 91 cm, 1 foot = 30.48 cm, 1 inch = 2.54 cm
Show your workings and round answers off to the nearest hundredth.

1. I run 1 mile per day to stay fit.
How many meters do I run in 2 days?



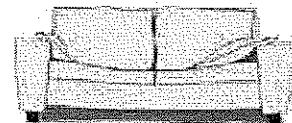
2. Peter is 4 feet tall. James is 1.2 times taller than him.
How tall is James in centimeters?

3. A fork is 8 inches long. How long are 3 such forks
in centimeters?



4. I cycle 3 miles per day to stay fit. Do I cycle more or less than
5 kilometers per day?

5. The total length of 2 identical sofas is 6 yards.
What is the length of 1 of these sofas in meters?



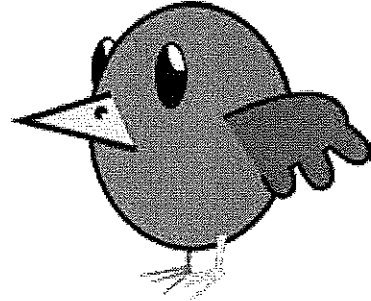
6. The distance between my house and my work is 2.34 miles.
How far is this in meters?

Mass Word Problems

Name: _____ Class: _____

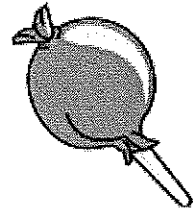
1 stone = 6.35 kilograms, 1 pound = 0.45 kilogram, 1 ounce = 28.35 grams
Show your workings and round answers off to the nearest hundredth.

1. A bird weighs 1.5 pounds. What is the bird's weight in kilograms?



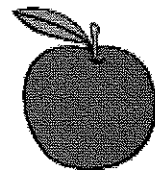
2. A book has a mass of 1,250 grams and a bag has a mass of 44 ounces. Which one is heavier?

3. A candy has a mass of 0.1 ounces. What is the mass of 500 candies in kilograms?



4. The mass of 1 pen is 0.1 pound. What is the mass of 100 pens in grams?

5. After buying 1 kilogram of apples, I gave a 6 ounce apple away. How much of the apples (in grams) did I have left?



6. A pig weighs 3.5 stones more than a 15 kilogram dog. What is the mass of the pig in grams?

Volume Word Problems

Name: _____ Class: _____

Take: 1 gallon = 3.79 liters, 1 quart = 0.95 liters, 1 pint = 0.47 liters

Show your workings and round answers off to the nearest hundredth.

1. Every day I drink 0.75 gallons of milk. How many liters of milk do I drink in 4 weeks?



2. The total capacity of 4 similar jugs is 3.6 gallons. What is the capacity of 1 jug in milliliters?

3. The volume of 1 can of cola is 0.5 quarts. What is the volume of 64 cans in liters?



4. A container has a capacity of 100 gallons. Already filled with 10 gallons, how many liters of water is needed to fill it up completely?

5. How many milliliters of water do you need to fill up a 1.5 quart bottle?



6. What can hold more water: a 12 gallon jerry can or a 40,000 milliliters fish bowl?