**Unit Conversions Practice**

* There are 5280 feet in one mile
* There are 0.034 ounces in one milliliter
* There are 0.454 kg in one pound
* There are 1.6 kilometers in one mile
* There are 73 gallons in 2 barrels
* There are 1.05 quarts in one liter
* There are 4 quarts in one gallon

*Do the following one-step unit conversions:*

1. Convert 23 miles to feet.
2. Convert 120 lbs to kilograms.
3. Convert 451 mL to ounces.
4. Convert 6 feet to miles.
5. How many milligrams are in one gram?
6. What is the name of a volume that is 1,000 times larger than a milliliter?
7. How many meters are in a kilometer?
8. A length of time that is 0.000000001 second is also called a what?
9. How many microliters are in one liter?
10. A deciliter is how many times larger than a milliliter?
11. How many liters are in a megaliter?

*Do the following multi-step unit conversions:*

1. Convert 75 minutes to days.
2. Convert 46 inches to miles.
3. Convert one million seconds to years.
4. How many megaliters are in a centiliter?
5. How many micrograms are in one kilogram?
6. How many millimeters are in a kilometer?
7. How many pounds are in a kilogram?
8. How many pounds are in 2 kilograms?
9. How many kilograms are in 14.2 pounds?
10. How many deciliters is 5 L? (Hint: How many deciliters are in 1 L?)
11. How many meters is 63.9 cm?
12. What is the speed (in m/s) of a car travelling 1000 cm/s?
13. What is the speed in cm/s of a car travelling 105,200 cm/h
14. How fast (in m/s) is a car travelling 20 mph?
15. How fast (in mph) is a car travelling 20 m/s?