Name _____ Period _____ Date _____

Units of Measurement – Ch. 2

PART A – SI UNITS

For each of the following commonly used measurements, indicate its symbol. Use the symbols to complete the following sentences with the most appropriate unit. Units may be used more than once or not at all.

_____ milliliter	_____ milligram	_____ liter	_____ centimeter
_____ kilogram	_____ millimeter	_____ kilometer	_____ gram
_____ meter	_____ millisecond	_____ microgram	_____ second

1. Colas may be purchased in two or three _____ bottles.
2. The mass of a bowling ball is 7.25 _____.
3. The length of the common housefly is about 1 _____.
4. The mass of a paperclip is about 1 _____.
5. One teaspoon of cough syrup has a volume of 5 _____.
6. Stand with your arms raised out to your side. The distance from your nose to your outstretched fingers is about 1 _____.
7. The body mass of a flea is about 0.5 _____.
8. On a statistical basis, smoking a single cigarette lowers your life expectancy by 642,000 _____, or 10.7 minutes.

PART B – DENSITY

1. Calculate the density of a substance with a mass of 35.0 g and a volume of 25.0 cm^3.

2. A small gold nugget has volume of 0.87 cm^3. What is its mass if the density of gold is 19.3 g/cm^3?

3. What volume is occupied by 35.2 g of carbon tetrachloride if its density is 1.60 g/mL?