Conversion and Scientific Notation

1.) Put the following in scientific notation and how many significant figures are there in each case:
   a.) 0.0003  answer: $3 \times 10^{-4}$
   b.) 9378.76  answer: $9.37876 \times 10^3$

2.) Put the following in decimal format:
   a.  $1 \times 10^6$  answer: 1,000,000
   b.  $3 \times 10^{-7}$  answer: 0.0000003

3.) Convert 737 meters to centimeters (1 m = 100 cm):
   Answer: 737,000

4.) Convert 606 ul to ml: (1 liter = 1000 ml) (1 liter = 1,000,000 ul)
   Answer: 0.606 ml

5.) Convert 33 ug (1 ug = $10^{-3}$ mg and 1 mg = $10^{-3}$ g) into mg and grams.
   Answer: 0.033 mg and $3.3 \times 10^{-5}$ g
6.) If someone could throw 24 balls per second, how many balls could be thrown in 3 hours? In one day?

7.) If given 454 ppb of something what would it be as a percentage?

Answer: 0.0000454 %