Measurement Worksheet

1. Indicate the number of significant figures in each of the following measurements.
	1. 1.04080 m \_\_\_\_\_\_\_\_\_\_\_\_
	2. 13,000 g \_\_\_\_\_\_\_\_\_\_\_\_
	3. 0.000510 cm \_\_\_\_\_\_\_\_\_\_\_\_\_
	4. 8.550 X 10-4 L \_\_\_\_\_\_\_\_\_\_\_\_\_
2. Put the following measurements in scientific notation form using the correct number of significant figures.
	1. 409000000000 m2 \_\_\_\_\_\_\_\_\_\_\_\_\_
	2. 0.000000004930 L \_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. 205.003 mL \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Perform the following operations and express your answer using the correct number of significant figures. Don’t forget the units!
	1. $\frac{\left(3.6 cm\right)\left( x 2.012 cm\right)}{ x 535.25 cm}$ =
	2. $1.460 mg+42.2 mg+27.77 mg $
	3. $\frac{212.34 g}{7.4cm3}=$
	4. $25.4 °C= \\_\\_\\_ K$