QUIZ 1

1. **Round 47,027 to 4 significant figures. (2 points)**

   _____

2. **How many significant figures are present in the following numbers? (2 points)**

   a) **56.3800** _____

   b) **0.0002087** _____

3. **Perform the following operations, expressing each answer to the correct number of significant figures. (6 pts)**

   a) **$(7.61 \times 10^{-7}) \times (2.5 \times 10^{5}) =$** _____

   b) **342 + 16.37 + 4.4 =** _____

4. **Convert these measurements to the indicated units. SHOW SET-UP OR NO CREDIT GIVEN! (10 pts)**

   a) **21.2 m = _____ cm**

   b) **168 mL = _____ L**

   c) **972 cg = _____ kg**

5. **Convert 85.5 $\frac{km}{hr}$ to $\frac{mile}{s}$. (Given: 1.61 km = 1 mile) SHOW SET-UP OR NO CREDIT GIVEN! (5 points)**