**Homework #2 Chemistry 1114 section 2 (Fong) due Wednesday 31 Jan 2018 10 pts (in class)**

**Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) convert 0.00035 to scientific notation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Best prefixed expression for 5\*10-7 s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) Best prefixed expression fo 8.1\*108 g \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) 3 Mm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cm

5) 5 ps = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ns

6) 250 cg = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ kg

Sig fig count for numbers below:

|  |  |  |  |
| --- | --- | --- | --- |
| 0.0010 | 50000 | 2.0002000 | 6.626\*10-34 |
|  |  |  |  |