

SigFig Quiz

name: _____

1. Write the number of significant figures and the position of uncertainty for each of the following numbers.

Value	Number of Significant Figures	Position of Uncertainty
3.01		
0.0301		
3.010		
3010		
3010.		

2. Do the following calculations and report your results using significant figures.

(a) $(1.2 \times 10^5) + (1.234 \times 10^5)$

(b) $(1.2 \times 10^3) + (1.234 \times 10^5)$

(c) $(2.3 \times 10^{-4}) \times (3.45 \times 10^4)$

(d) $\frac{(1.2 \times 10^2) + (1.5 \times 10^3)}{2.33 \times 10^2}$