

Significant Figures Worksheet

1. Indicate how many significant figures there are in each of the following measured values.

246.32	1.008	700000	320001
107.854	0.00340	350.670	1.0000
100.3	14.600	320001	0.0001
0.678	0.0001	320001	0.0001

2. Calculate the answers to the appropriate number of significant figures.

32.567	+ 1.4567	
135.0	+ 98.3	
658.0	+ 1345.29	

3. Calculate the answers to the appropriate number of significant figures.

a) 23.7×3.8	=		
b) 45.76×0.25	=		
c) $81.04 \text{ g} \times 0.010$	=		
d) 6.47×64.5	=		
e) 43.678×64.1	=		
f) $1.678 / 0.42$	=		
g) $28.367 / 3.74$	=		
h) $4278 / 1.006$	=		
i) $(6.8 + 4.7) \times 17.44$	=		
j) $(320. - 22.7) \times 3.8$	=		
k) $\frac{(14.86 + 13.7) \times (65.346 - 4.10)}{(43.888 - 32.888)}$	=		