Significant Figures Worksheet

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

246.32 _____ 107.854 _____

100.3 _____ 0.678 _____

1.008 _____ 0.00340 _____

14.600 _____ 0.0001 _____

700000 _____ 350.670 _____

1.0000 _____ 320001 _____

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

32.567 246.24

135.0 238.278

+ 1.4567 + 98.3

658.0

23.5478

+ 1345.29

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

a) 23.7 x 3.8 = _____

b) 45.76 x 0.25 = _____

c) 81.04 x 0.010 = _____

d) 6.47 x 64.5 = _____

e) 43.678 x 64.1 = _____

f) 1.678 / 0.42 = _____

g) 28.367 / 3.74 = _____

h) 4278 / 1.006 _____

LIVEWORKSHEETS