

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) $23.7 \times 3.8 =$ _____

b) $45.76 \times 0.25 =$ _____

c) $81.04 \times 0.010 =$ _____

d) $6.47 \times 64.5 =$ _____

e) $43.678 \times 64.1 =$ _____

f) $1.678 / 0.42 =$ _____

g) $28.367 / 3.74 =$ _____

h) $4278 / 1.006 =$ _____