

Name _____

Significant Figures

For each of the following determine how many significant figures are present:

1) 3405 4

5) 0.00752 3

2) 0.10450 5

6) 9203000 4

3) 3.802×10^6 4

7) 1 dozen ∞

4) 4.0540 5

8) 3000.000 7

Calculate the following and give the answer with the correct number of sig-figs:

9) $(9.306)(124)$ 1150

13) $0.0045/0.00086$ 5.2

10) $\{(2.86)(0.624)\}/(14.)$ 0.13

14) $4.5820/0.2$ 20

11) $7.456+9.21+0.9$ 17.6

15) $2.565/0.0005213$ 4920.

12) $(9.43+123.8)/35.2$ 3.78