

Name: _____ Date: _____ Block: _____

Significant Figures, Scientific Notation, & Rounding Practice

How many sig-figs? _____

Write the following numbers in standard notation.

Perform the following calculations. Write the answer in the 1st blank. Re-write the answer with the correct number of significant figures in the 2nd blank.

403 _____

1.20×10^{-2}

$4.5 + 23 / 2.34 \times 4.0 + 12$

430 _____

1.3×10^2

.403 _____

.430 _____

5×10^3

$20 \times 3 + 2 \times 4 - 2 \times 3$

0.0430 _____

1005 _____

7.000×10^2

$2.23 + 24.1 - 3.88 + 1.25$

100 _____

3.208×10^4

10.00 _____

.0010 _____

Re-write the following with only 2 significant digits.

5050 _____

Write the following numbers in scientific notation:

2003 _____

50.00 _____

.0030

10808 _____

1000 _____

2004

1050 _____

0.010 _____

20.3

2550 _____

30020 _____

.004551 _____

50 _____

1000 _____

.005 _____

12500 _____

20050 _____

1.00558 _____

200.05 _____

40.040 _____

0.4004 _____

1010 _____

1000.1 _____