

Name \_\_\_\_\_ Period \_\_\_\_\_  
Chemistry

Significant Figures Rally Coach

Determine the number of significant figures:

500	1
0.00035	2
607	3

Determine the number of significant figures:

0.7940	4
402	3
1300	2

Add/Subtract the following:

$397.00 + 7.9$	404.9
$189.0 - 109.895$	79.1
$2.5 + 3.4 + 9.75$	15.7
$26.00008 - 49.873$	-23.873
$6 + 6.1 + 9.00$	21

Add/Subtract the following:

$548.15 + 8.5$	556.7
$143.0 - 112.345$	30.7
$4.6 + 5.3 + 8.35$	18.3
$134.1438 - 84.33$	49.81
$3 + 4.5 + 7.834$	15

Multiply/Divide the following:

$628.441 / 33$	19
$88 \times 1.2954$	110
$66331 / 981 / 4.0$	17
$6.10001 \times 20.4 \times 3.1 \times 15.10$	5800
$8.9 \times 15$	130

Multiply/Divide the following:

$734.34 / 17$	43
$74 \times 145.34$	11,000
$79843 / 145 / 3.75$	147
$3.4754 \times 18.5 \times 1.7 \times 13.53$	1500
$3.464 / 1.2234$	2.831

Name \_\_\_\_\_ Period \_\_\_\_\_  
Chemistry

Significant Figures Rally Coach

Determine the number of significant figures:

25	2
0.08000	4
20000	1

Determine the number of significant figures:

512,450	5
0.001234	4
230045	6

Add/Subtract the following:

$8.62 + 109.268$	117.89
$210 - 104.2$	110
$95.495 + 3.20 + 5.4597$	104.15
$39462.000 - 84.9531$	39377.047
$8.6 + 9.9 + 2$	21

Add/Subtract the following:

$3.54 + 565.4$	568.9
$13576.94 - 1463$	12114
$3.6 + 8.43 + 23.6$	35.6
$32.1353 - 15.6403$	16.4950
$5 + 19.4 + 944.645$	969

Multiply/Divide the following:

$716.0001 / 68.0$	10.5
$5.63 \times 0.07777$	.438
$98.333 / 15.0120 / 2$	3
$854.1 \times 17 \times 16.8 \times 3.00004$	730,000
$8000 / 16.2$	500

Multiply/Divide the following:

$3.3605 \times 104.3$	350.5
$43 / 35.35$	1.2
$93.503 \times 3.36$	314
$234.56 / 3.475$	67.50
$0.3564 \times 25$	8.9