

Name: \_\_\_\_\_

Block: \_\_\_\_\_

# Chemistry 11

## Significant Figures in Calculations - Multiply / Divide

*Directions:* Copy out the question on a separate piece of paper and answer using the correct number of significant figures. Have fun and really enjoy the worksheet. Don't rush through it, savor every question. Experience all that chem-is-try has to offer.

1.  $0.23598 \times 6598.32$
2.  $258.658 \times 0.02569$
3.  $124.356 \times 1000.3$
4.  $1245.6 \times 654$
5.  $12478 \times 0.00057$
6.  $98756 \times 12569$
7.  $0.00256 \times 0.002536036$
8.  $10000 \times 230000$
9.  $1.0000 \times 10^5 \cdot 2.3569 \times 10^7$
10.  $12569.32569 \times 1235$
11.  $45698.35856 \times 12.2456$
12.  $123669589 \times 12563659$
13.  $0.003256 \times 125$
14.  $8695.23 \times 0.000120300$
15.  $85475 \times 45632$
16.  $987.1236 \times 459$
17.  $1.000098 \times 10^2 \cdot 965.2356 \times 10^4$
18.  $9.6383 \times 0.002356$
19.  $2158.695 \times 1456$
20.  $0.2365 \times 9.65874$
21.  $325.23 / 2569.32$
22.  $124.23 / 568$
23.  $0.01256 / 0.00001256$
24.  $9587.32 / 4569$
25.  $(9.356 \times 3.325) / 21.300$
26.  $(10.235 \times 3.25) / 0.0023658$
27.  $(12.356 \times 0.9987) / 2.356$
28.  $(6.458 \times 1.2350) / 4.569$
29.  $(125.236 \times 12.30) / 526.987$
30.  $(2.356 \times 0.01256) / 124$
31.  $(1.235 \times 0.0231) / 23$
32.  $(4.2545 \times 0.0003200) / 456.39$
33.  $(45.2 \times 6.235) / 0.023560$
34.  $(1.235 \times 6.523) / 8.00$
35.  $(1.01020 \times 23.2156) / 1000.0$
36.  $(45.236 / 9.563) \times 2.325$
37.  $(789.652 / 165.3) \times 4.00 \cdot 10^1$
38.  $(356.245 / 98.5) \times 1.02$
39.  $(85.36 / 9.0) \times 0.00356$
40.  $(45.369 \times 2.001) / 4.9$