<u>Review from yesterday:</u>

Round the following numbers to <u>4 sig figs</u>:

5679.56 =   0.0000067294 =   23.0500 =

Solve the following using the rules of sig fig additin and subtraction:

567.25 - 24.3=   23.05 + 4.0003 =

0.00078 + 237.89 =   9.231 - 0.00002 =

Sig Figs — Multiplying and Dividing

1. What are the rules to multiplication and division of sig figs?

2. Why do we use these "sig figs" again?

Solve the following using the rules of multiplication and division of sig figs:

4005 / 39.8 =   0.005 / 8.88 =

8 X 0.069 =   3.256 X 100 X 7500 =

8.8 X 0.0048 X 6020 =   2008 / 8.791 =

Name _____

Date _____ Hour _____

Sig Figs – Multiplying and Dividing

* Solve the following problems using the correct sig fig rules for multiplying and dividing.

1) $260 \div 1.7$ = _____

2) $4005 \div 39.8$ = _____

3) 0.005×8.88 = _____

4) 8×0.069 = _____

5) 0.03×7 = _____

6) $2.4 \times 0.8 \times 930$ = _____

7) $3.256 \times 100 \times 7500$ = _____

8) $600 \times 0.75 \times 9300$ = _____

9) $8.8 \times 0.0048 \times 6020$ = _____

10) $4600 \div 66.51$ = _____

11) $20 \div 3.3$ = _____

12) 8.9×9 = _____

13) 81×7.645 = _____

14) 0.74×1.41 = _____

15) $9020 \div 54.5$ = _____

16) $2008 \div 8.791$ = _____

17) $9.4 \times 0.02 \times 670$ = _____

18) $87 \times 7.5 \times 200$ = _____

19) $330 \div 75.6$ = _____

20) $5 \times 8 \times 1002$ = _____