

Name _____

Date _____ Hour _____

Sig Figs – Multiplying and Dividing

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

1) $260 \div 1.7 = \underline{\hspace{2cm}}$ 11) $20 \div 3.3 = \underline{\hspace{2cm}}$

2) $4005 \div 39.8 = \underline{\hspace{2cm}}$ 12) $8.9 \times 9 = \underline{\hspace{2cm}}$

3) $0.005 \times 8.88 = \underline{\hspace{2cm}}$ 13) $81 \times 7.645 = \underline{\hspace{2cm}}$

4) $8 \times 0.069 = \underline{\hspace{2cm}}$ 14) $0.74 \times 1.41 = \underline{\hspace{2cm}}$

5) $0.03 \times 7 = \underline{\hspace{2cm}}$ 15) $9020 \div 54.5 = \underline{\hspace{2cm}}$

6) $2.4 \times 0.8 \times 930 = \underline{\hspace{2cm}}$ 16) $2008 \div 8.791 = \underline{\hspace{2cm}}$

7) $3.256 \times 100 \times 7500 = \underline{\hspace{2cm}}$ 17) $9.4 \times 0.02 \times 670 = \underline{\hspace{2cm}}$

8) $600 \times 0.75 \times 9300 = \underline{\hspace{2cm}}$ 18) $87 \times 7.5 \times 200 = \underline{\hspace{2cm}}$

9) $8.8 \times 0.0048 \times 6020 = \underline{\hspace{2cm}}$ 19) $330 \div 75.6 = \underline{\hspace{2cm}}$

10) $4600 \div 66.51 = \underline{\hspace{2cm}}$ 20) $5 \times 8 \times 1002 = \underline{\hspace{2cm}}$

Multiplication and Division with Significant Digits

Name _____

Section _____

RULE: When multiplying or dividing, your answer may only show as many significant digits as the multiplied or divided measurement showing the least number of significant digits.

Perform the following calculations and round according to the rule above.

1) $13.7 \times 2.5 =$

2) $200 \times 3.58 =$

3) $0.00003 \times 727 =$

4) $5003 / 3.781 =$

5) $89 / 9.0 =$

6) $5000 / 55 =$

1) $50.0 \times 2.00 =$

2) $2.3 \times 3.45 \times 7.42 =$

3) $1.0007 \times 0.009 =$

4) $51 / 7 =$

5) $208 / 9.0 =$

6) $0.003 / 5 =$