

Name: Answers

Date: _____

Homework – Comparing Decimals & Decimal Operations Review

In the following problems, match the number with the words:

- 1) 0.0012 C A) Twelve hundredths
2) 0.12 A B) Twelve thousandths
3) 0.012 B C) Twelve ten-thousandths

4) **Matching:** Draw a line that connects the description with the correct answer.

- a) 3 is in the tenths place ~~430.063~~
b) 3 is in the tens place ~~238,152.53~~
c) 3 is in the ones place ~~3,307,257.3~~
d) 3 is in the ten thousandths place ~~43.005603~~
e) 3 is in the ten thousands place ~~3,305.40135~~

5) Use $>$, $=$, or $<$ to make a true statement:

- a) 0.46 $<$ 0.60 b) 8.05 $<$ 8.50 c) 5.000 $=$ 5.000

Order the numbers from least to greatest

- 6) 0.0126, 0.26, 0.126, 0.06, 0.2 0.0126 0.06 0.126 0.2 0.26

- 7) 4.281, 4.18, 4.118, 4.218, 4.0815

4.0815, 4.118, 4.18, 4.218, 4.281

Round 453.9729 to the given place value:

- 8) Hundreds
- 450

- 9) Thousandths
- 453.973

- 10) Ones
- 454

- ★ 11) Tenths
- 454

12) $15.4 + 4 + 9.7$

$$\begin{array}{r} 15.4 \\ 4.0 \\ +9.7 \\ \hline 29.1 \end{array}$$

13) $37.3 - 16.7$

$$\begin{array}{r} 37.3 \\ -16.7 \\ \hline 20.6 \end{array}$$

14) $7.1 - 2.37$

$$\begin{array}{r} 7.10 \\ -2.37 \\ \hline 4.73 \end{array}$$

15) $6 - 1.43$

$$\begin{array}{r} 6.00 \\ -1.43 \\ \hline 4.57 \end{array}$$

16) 3.12×3

$$\begin{array}{r} 3.12 \\ \times 3 \\ \hline 9.36 \end{array}$$

17) 0.47×1.6

$$\begin{array}{r} 0.47 \\ \times 1.6 \\ \hline 282 \\ +470 \\ \hline 0.752 \end{array}$$

18) $7.3 \div 5$

$$\begin{array}{r} 1.46 \\ 5 \overline{) 7.3} \\ \underline{5} \\ 23 \\ \underline{20} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

19) $15 \div 0.5$

$$\begin{array}{r} 30 \\ 0.5 \overline{) 15.0} \\ \underline{5} \\ 00 \\ \underline{0} \\ 0 \end{array}$$

20) $1.2 \div 0.003$

$$\begin{array}{r} 400 \\ 0.003 \overline{) 1.200} \\ \underline{12} \\ 00 \\ \underline{00} \\ 00 \\ \underline{00} \\ 0 \end{array}$$

21) $7.5015 \div 0.15$

$$\begin{array}{r} 50.01 \\ 0.15 \overline{) 7.5015} \\ \underline{75} \\ 00 \\ \underline{00} \\ 01 \\ \underline{01} \\ 15 \\ \underline{15} \\ 0 \end{array}$$