



Student: \_\_\_\_\_

Symphony EXTENSIONS

Date: \_\_\_\_\_

25 | Decimals to Thousandths

1. Use these digits:      **3    7    1    0    9    5****Answers will vary.****ANSWER KEY**Use all the digits to write a number to the thousandths place: 371.095Use all the digits to write a number to the hundredths place: 5901.37Use all the digits to write a number to the tenths place: 10,735.9Which of your numbers is the largest? 10,735.9Which of your numbers is the smallest? 371.095

2. Solve each:

A.  $5 \times \left(\frac{1}{100}\right) + (23 \times 1000) + 9 \times \left(\frac{1}{10}\right) + (6 \times 10) = \underline{23,060.95}$

B.  $(8 \times 1) + 4 \times \left(\frac{1}{100}\right) + 6 \times \left(\frac{1}{10}\right) + (9 \times 100) = \underline{908.64}$

C.  $(7 \times 8) + (5 \times 1) + 3 \times \left(\frac{1}{100}\right) = \underline{61.03}$

3. Solve each:

A.  $(3 \times 10) + 5 \times \left(\frac{1}{10}\right) = \underline{30.5} = \underline{305}$  tenths

B.  $6 \times 10 + 2 \times \left(\frac{1}{10}\right) + 8 \times \left(\frac{1}{100}\right) = \underline{60.28} = \underline{602.8}$  tenths

4. Compare using  $<$ ,  $=$ , or  $>$  :

A.  $29.1 > 29.09$

B.  $437.01 > 436.528$

C.  $4.6 < 4.81$

D.  $601.08 = 601.080$

E.  $47.23 > 47.023$

5. Grace earned money doing errands for her neighbors. On the first day, she earned \$8.75. On the second day she earned \$12.75, and on the third day she earned \$10.75.

A. How much money did Grace earn in all? **\$32.25**

B. She wanted to buy a game for \$40.00.

How much more does she need to earn to meet her goal? **\$7.75**

$$\begin{array}{r} 8.75 \\ + 12.75 \\ + 10.75 \\ \hline 32.25 \end{array}$$

$$\begin{array}{r} 40.00 \\ - 32.25 \\ \hline 7.75 \end{array}$$