

## Decimals Unit 3: Lesson 1: Numbers to Thousandths and Beyond

1. Use a place-value chart below to show each number.

- a) 3.4715
- b) 0.003 025
- c) 1.250 43
- d) 0.0053

a)										
b)										
c)										
d)										

2. Use the numbers in question 1. What is the value of the 3 in each number?

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_

3. Write each number in expanded form.

- a) 2.000 081 \_\_\_\_\_
- b) 0.0435 \_\_\_\_\_
- c) 0.000 935 \_\_\_\_\_
- d) 0.012 78 \_\_\_\_\_

4. Write each number in standard form.

- a) 3 and 124 thousandths \_\_\_\_\_
- b) 15 and 6 thousandths \_\_\_\_\_
- c) 7 ten-thousandths \_\_\_\_\_
- d) 13 millionths \_\_\_\_\_
- e) 4 and 21 hundred-thousandths \_\_\_\_\_
- f) 368 ten thousandths \_\_\_\_\_

5. Write a number that has a 4 in:

- a) the tenths position \_\_\_\_\_
- b) the millionths position \_\_\_\_\_
- c) the thousandths position \_\_\_\_\_
- d) the hundred-thousandths position \_\_\_\_\_
- e) the ten-thousandths position \_\_\_\_\_
- f) the ones position \_\_\_\_\_

6. How are the values of the 5s in each number related?

- a) 5.005 \_\_\_\_\_
- b) 0.355 \_\_\_\_\_
- c) 0.500 53 \_\_\_\_\_
- d) 2.351 529 \_\_\_\_\_