

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 _____