

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Identifying the Value and Place Value of a Digit in a Decimal Number Up to Ten Thousandths

A. Read each item carefully. Circle the correct answer from the given choices.

1. What is the value of 3 in the decimal number 18.253?
 - a. 0.03
 - b. 0.030
 - c. 0.003
 - d. 0.3
2. What is the place value of 1 in the decimal 87.135?
 - a. Tenths
 - b. Hundredths
 - c. Ones
 - d. Thousandths

For item numbers 3 to 4, study the chart and answer the questions that follow.

Decimal	Tenths	Hundredths	Thousandths	Ten Thousandths
0.3241	3	2	4	1
0.562	5	6	2	
0.0456	0	4	5	6
0.92	9	2		

3. What is the value of the digit 5 in 0.0456?
 - a. 0.05
 - b. 0.005
 - c. 0.5
 - d. 0.0005
4. In increasing order, the next decimal after 0.34, 0.351, 0.410, ... is _____.
 - a. 0.453
 - b. 0.345
 - c. 0.405
 - d. 0.298

B. Name the value of each underlined digit and then give its value.

Place Value

Value

- | | | |
|--------------------|-------|-------|
| 1. 0.0 <u>2</u> 45 | _____ | _____ |
| 2. 3.21 <u>6</u> 5 | _____ | _____ |
| 3. 12. <u>9</u> 81 | _____ | _____ |
| 4. 7.08 <u>4</u> 9 | _____ | _____ |
| 5. 32.94 <u>8</u> | _____ | _____ |

C. Specify the place value and value of digit 3 in each item.

- | | Place Value | Value |
|---------------------|-------------|-------|
| 1. 0. <u>3</u> 795 | _____ | _____ |
| 2. 14.5 <u>3</u> 71 | _____ | _____ |
| 3. <u>3</u> 5.2540 | _____ | _____ |
| 4. 0.65 <u>3</u> 2 | _____ | _____ |
| 5. <u>2</u> 3.8746 | _____ | _____ |
| 6. 18.789 <u>3</u> | _____ | _____ |