

## Decimal Place Value – III

1. Write the place value of the underlined digit. Write each number in word and expanded form.

- a. 70.288  
 b. 0.824  
 c. 4.009  
 d. 909.875

### Solution: Place Value

- a. \_\_\_\_\_  
 b. \_\_\_\_\_  
 c. \_\_\_\_\_  
 d. \_\_\_\_\_

### Solution: Word and Expanded Form

- a. \_\_\_\_\_  
 b. \_\_\_\_\_  
 c. \_\_\_\_\_  
 d. \_\_\_\_\_

2. Use the table to answer the questions.

### Diameter of US Coins

- a. Write the diameter of cent in expanded form.  
 b. Write the place value of each digit of the diameter of the dime.  
 c. Which coin is bigger in size between cent and dime? Which digit's place value helps you determine it?  
 d. Write the diameter of the quarter in two other forms.

Coin	Diameter (inch)
Cent	0.750
Nickel	0.835
Dime	0.705
Quarter	0.955

### Solution:

- a.  
 b.  
 c.  
 d.

3. Complete each of the tables by writing the place value of each digit.

Ones	Tenths	Hundredths
8	9	8

Ones	Tenths	Hundredths	Thousandths
6	7	8	4

4. True or False? "Two hundredths is equal to 200 thousandths."

Solution:

5. The expanded form of 7.042 is:

- A.  $7 + .0 + 4 + 2$                       C.  $7 + 0.4 + 0.2$   
 B.  $7 + 0.04 + 0.002$                   D.  $7 + 0.042$

Solution:

6. Which shows the standard form of twenty five and thirty-four thousandths?

- A. 25.340                                      C. 25.034  
 B. 25.34                                        D. 25.0034

Solution: