

Name _____ Date _____

1. Write a decimal number sentence to identify the total value of the number disks.

a. 
 3 tens 4 tenths 2 hundredths
 _____ + _____ + _____ = _____

b. 
 4 hundreds 3 hundredths
 _____ + _____ = _____

2. Use the _____ place value chart to answer the following questions. Express the value of the digit in unit form.

hundreds	tens	ones	.	tenths	hundredths
8	2	7		6	4

- a. The digit _____ is in the hundreds place. It has a value of _____.
- b. The digit _____ is in the tens place. It has a value of _____.
- c. The digit _____ is in the tenths place. It has a value of _____.
- d. The digit _____ is in the hundredths place. It has a value of _____.

hundreds	tens	ones	.	tenths	hundredths
3	4	5		1	9

- e. The digit _____ is in the hundreds place. It has a value of _____.
- f. The digit _____ is in the tens place. It has a value of _____.
- g. The digit _____ is in the tenths place. It has a value of _____.

h. The digit _____ is in the hundredths place. It has a value of _____.

3. Write each number in expanded form, using both decimal and fraction notation. The first one has been done for you.

Decimal and Fraction Form	Expanded Form	
	Fraction Notation	Decimal Notation
$14.23 = 14 \frac{23}{100}$	$(1 \times 10) + (4 \times 1) + (2 \times \frac{1}{10}) + (3 \times \frac{1}{100})$ $10 + 4 + \frac{2}{10} + \frac{3}{100}$	$(1 \times 10) + (4 \times 1) + (2 \times 0.1) + (3 \times 0.01)$ $10 + 4 + 0.2 + 0.03$
$25.3 = \underline{\hspace{2cm}}$		
$39.07 = \underline{\hspace{2cm}}$		
$40.6 = \underline{\hspace{2cm}}$		
$208.90 = \underline{\hspace{2cm}}$		
$510.07 = \underline{\hspace{2cm}}$		
$900.09 = \underline{\hspace{2cm}}$		