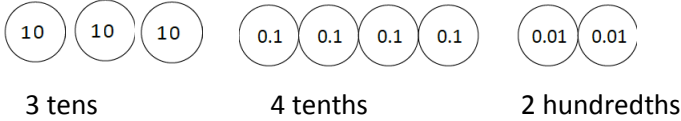


Name _____

Date _____

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

a.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

b.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

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