

## Day 10: Place Value

Name: \_\_\_\_\_

## Practice Assignment

0 25 50 75 100

1. Use the place value chart to answer the following questions. Express the value of the digit in unit (fraction) 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 \_\_\_\_\_.

2. Fill in the blank to make the sentence true for both fraction form and decimal form.

a.  $\frac{8}{10}$  cm + \_\_\_\_\_ cm = 1 cm

0.8 cm + \_\_\_\_\_ cm = 1.0 cm

b.  $\frac{2}{10}$  cm + \_\_\_\_\_ cm = 1 cm

0.2 cm + \_\_\_\_\_ cm = 1.0 cm

c.  $\frac{6}{10}$  cm + \_\_\_\_\_ cm = 1 cm

0.6 cm + \_\_\_\_\_ cm = 1.0 cm

3. Write the following decimals in fraction form:

a. 2.6

b. 3.7

c. 4.23

d. 5.67

e. 0.33

4. Write the following fractions in decimal form:

a.  $\frac{4}{10}$

b.  $\frac{43}{100}$

c.  $\frac{45}{10}$

d.  $\frac{84}{100}$

e.  $\frac{75}{10}$

5. Give the total amount of money in decimal form:

a. 3 dimes and 8 pennies

b. 8 dimes and 23 pennies

c. 3 quarters, 3 dimes, &amp; 5 pennies

6. Emmanuel has 6 dimes and 2 pennies. Emilio has 1 dollar, 3 dimes, and 5 pennies. Ryan has 5 dollars and 7 pennies. They want to put their money together to buy a game that costs \$8.00. Do they have enough money to buy the game? If not, how much more do they need?

7. Taylyn has 7 dollars and 32 cents. Aaliyah has 3 dollars and 4 cents. How much money does Taylyn need to give to Aaliyah so they each have the same amount of money?

8. A pen costs \$2.25. A binder costs three times as much. How much does the pen and binder cost in total?

9. **Review** - Classify the following numbers using the most specific classification possible.

a. -6

b. 0

c. 5.67

d.  $-\frac{1}{4}$ e.  $\sqrt{12}$ 

f. 4.5201...

g. 10