Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Homework: Decimal Place Value #3

Due:

 **Show all your work in the space provided!**

Review

(Remember to show your work!)

Locate the points on the number line for $4.67 and $4.45.

 $4.00 $4.50 $5.00

Use the number line to round to the nearest dollar about.

$4.67 rounds to $\_\_\_\_\_\_\_\_\_\_ $4.45 rounds to $\_\_\_\_\_\_\_\_



Current Study

(Remember to show your work!)

1. Write 24,495.853 in word form:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is 1,000 times the value of 50? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is $\frac{1}{100}$ the value of 5,000? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Bonus:** 34.69 x 100 = \_\_\_\_\_\_ (Hint: Look for a pattern on the place value chart in the Problem Solving Section.)

Problem Solving

Explain what you notice about

the value of the 4 in the

numbers 3.64, 36.4, and 364

on the place value chart?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Build Your Math Skills At Home

5th Grade Website: [www.slesgrade5.weebly.com](http://www.slesgrade5.weebly.com)

 **Dreambox Learning** –Try to spend a minimum of 30 minutes. This is

**in addition** to any Dreambox Learning you may do at school in the computer lab.

 Username: (5 digit lunch number)

 Password: (Your Birthday. If your month is a single digit, then just type 1

 digit. Example: January 2, 2006 would be 1022006)

 [www.play.dreambox.com/login/wk7x/stl1](http://www.play.dreambox.com/login/wk7x/stl1)

 **iPad App:** School Code – wk7x/stl1

**Optional Skill and Fluency Activities - Websites:**

Websites: [www.xtramath.org](http://www.xtramath.org) [www.mathplayground.com](http://www.mathplayground.com)

<http://studyjams.scholastic.com/> [www.multiplication.com](http://www.multiplication.com)

<http://www.math-play.com> [www.slesgrade5.weebly.com](http://www.slesgrade5.weebly.com)

Websites/Apps you have tried and would like to recommend:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Need Help?

 Create a place value chart

**Powers of 10**

1,000,000 = $10^{6}$ = (1 x 1,000,000)

100,000 = $10^{5}$ = (1 x 100,000)

10,000 = $10^{4}$ = (1 x 10,000)

1,000 = $10^{3}$ = (1 x 1,000)

100 = $10^{2}$ = (1 x 100)

10 = $10^{1}$ = (1 x 10)

1 = $10^{0}$ = (1 x 1)

 (1 x 0.1) = $10^{-1}$ = 0.1

 (1 x .01) = $10^{-2}$ = 0.01

 (1 x .001) = $10^{-3}$ = 0.001