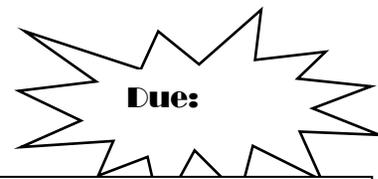


Name: \_\_\_\_\_  
 Show all your work in the space provided!

Homework: Decimal Place Value #2



**Review**

Write each number in expanded form.

1) 42,675 \_\_\_\_\_  
 \_\_\_\_\_

2) 40,312.6 \_\_\_\_\_  
 \_\_\_\_\_

**Problem Solving**

(Remember to show your work!)

- Jody had \$4,642 in her bank account. She wanted to buy a new desk to have a nice place to study. If she buys the one she really likes for \$569, how much will she have left in her bank account?
- The resource teachers had 345 stickers to use as tokens for the first marking period. If they each took the same amount of stickers, how many did they take for their own classes. (Hint: You go to resource A-E day.)

**Current Study**

Use the number 584,395.97 to answer each question.

- The five in the hundred thousands place is how many times greater than the 5 in the ones place? \_\_\_\_\_
- The nine in the tenths place is less than the value of the 9 in the tens place by \_\_\_\_\_.
- If you increase the value of the 3 by 1,000 times, what would the new value be? \_\_\_\_\_
- What is 1/100 the value of the 4?

**Build Your Math Skills At Home**

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

To be successful, students should be spending 60-90 minutes per week on Dreambox and setting a goal to pass at least 7 lessons. If your child has access to internet, please see that he or she gets on Dreambox at home. Your child's math teacher will be monitoring student time usage, lessons passed, and progress.

<https://play.dreambox.com/login/wk7x/stl1>

iPad App: School Code – wk7x/stl1

**Have you set up parent access to your student's Dreambox account?**

When your student is logged in to Dreambox, see if it says, "Set up Parent Access" in the bottom right corner of their screen. If it does, then click it and set up. If you do NOT see the message, you must have already set up access to your child's account. If you have trouble gaining access, please contact your child's math teacher.

**Need Help or More Practice?**

1,000,000	100,000	10,000	1,000	100	10	1	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths

Values increase as you move to the left.  
 Values decrease as you move to the right.

30 is 10x the value of 3  
 300 is 100x the value of 3

30 is  $\frac{1}{10}$  the value of 300  
 3 is  $\frac{1}{100}$  the value of 300

**Powers of 10**

1,000,000 =  $10^6 = (1 \times 1,000,000)$   
 100,000 =  $10^5 = (1 \times 100,000)$   
 10,000 =  $10^4 = (1 \times 10,000)$   
 1,000 =  $10^3 = (1 \times 1,000)$   
 100 =  $10^2 = (1 \times 100)$   
 10 =  $10^1 = (1 \times 10)$   
 1 =  $10^0 = (1 \times 1)$   
 $(1 \times 0.1) = 10^{-1} = 0.1$   
 $(1 \times .01) = 10^{-2} = 0.01$   
 $(1 \times .001) = 10^{-3} = 0.001$