

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

Show all your work in the space provided or in your math spiral!

Homework: Decimal Place Value #1



**Review**

(Remember to show your work! Use the back if necessary.)

345 + 497 = \_\_\_\_\_      732 - 55 = \_\_\_\_\_

**Current Study**

(Remember to show your work!)

Use the number 584,395 to answer questions 1 & 2.

1. What place value is the underlined digit in?  
\_\_\_\_\_
2. What is the value of the underlined digit?  
\_\_\_\_\_
3. What is 100 times the value of 50? \_\_\_\_\_

**Place Value Resources**

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 =  $10^0 = (1 \times 1)$
- $(1 \times 0.1) = 10^{-1} = 0.1$
- $(1 \times .01) = 10^{-2} = 0.01$
- $(1 \times .001) = 10^{-3} = 0.001$

**Problem Solving**

(Remember to show your work!)

1. Applebee’s ordered 75 boxes of straws. Each box contains 100 straws. How many straws did they order? Explain your thinking.
2. Farmer Jim keeps 12 hens in every coop. If Farmer Jim has 20 coops, how many hens does he have in all? (Show your thinking.)

**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.