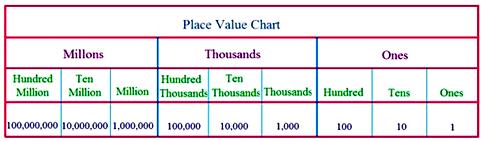
Chapter 1: Place Value, Addition and Subtraction to 1 Million

Study Guide

**Lesson 1: Place Value**

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwiZnsaaoYrPAhVDwj4KHWKmDwkQjRwIBw&url=http://www.math-only-math.com/place-value-chart.html&psig=AFQjCNFo9A_TGPxD28C4XcCA-FE8XmqXgg&ust=1473784486896746)

**Lesson 2: Read and Write #s**

**Standard Form**: 262,401  
 **Word Form**: two hundred sixty-two thousand, four hundred one  
 **Expanded Form**: 200,000 + 60,000 + 2,000 + 400 + 1

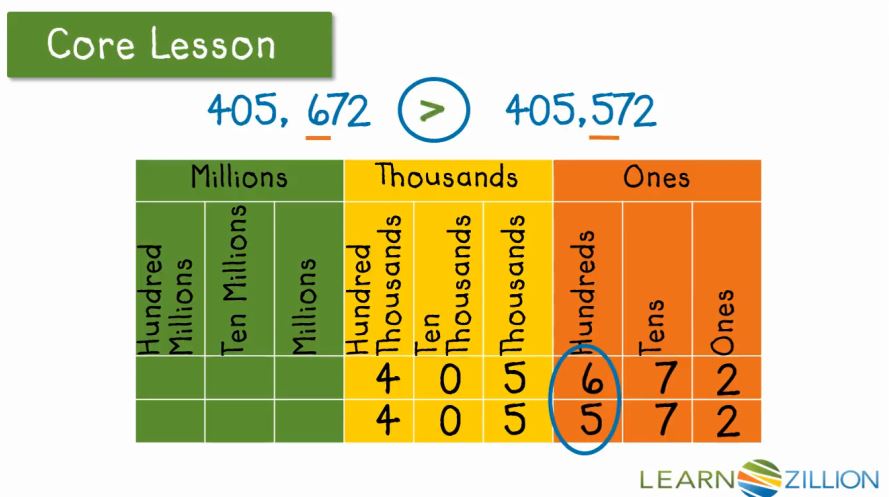
**Lesson 3: Compare and Order #s**

Step 1. Use the stacking strategy (write #s in a column, one under the other lining up place value columns)

Step 2. If it is the same # in same place value column, go to next largest place value column.

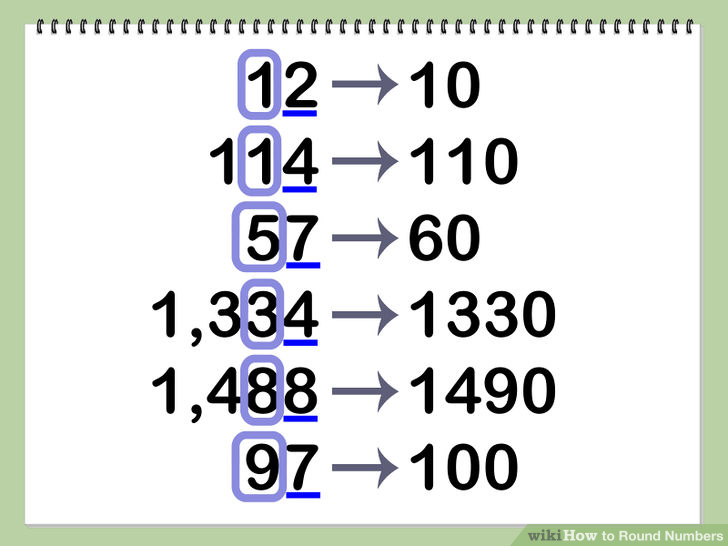
Step 3. Continue until the numbers differ. Circle this column.

Step 4. If they don’t differ, then they are =

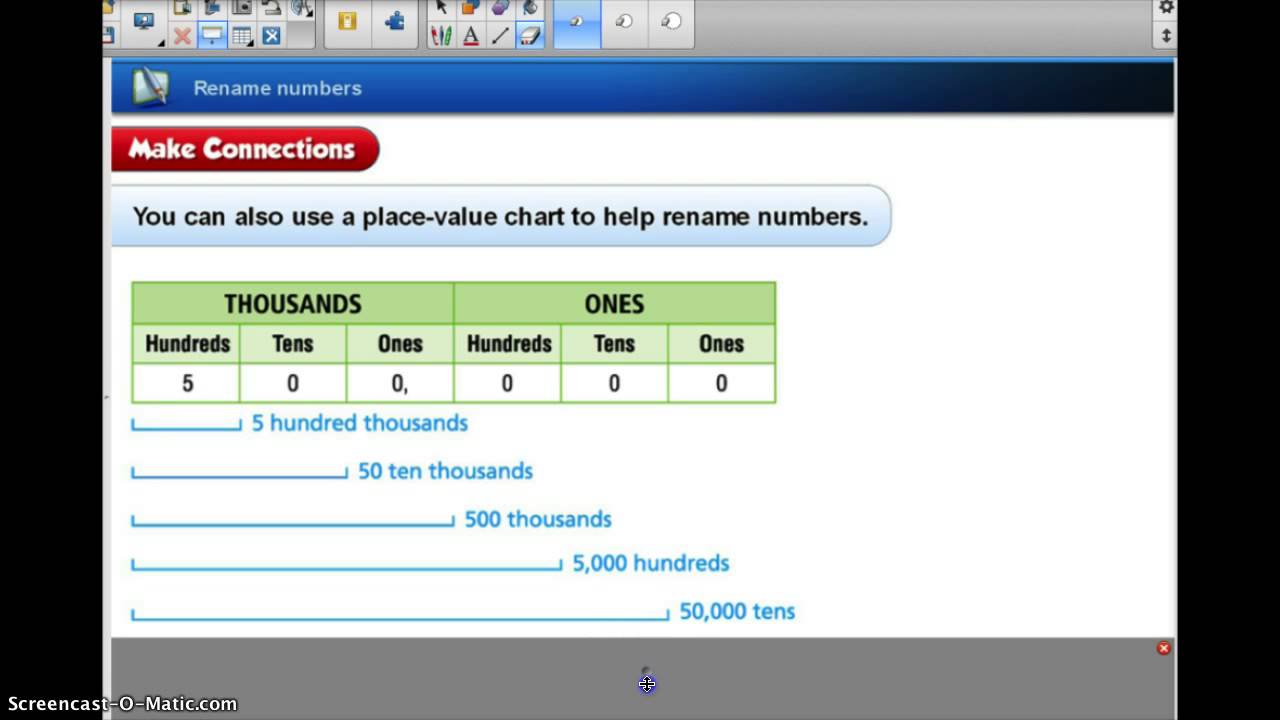
[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjO0pWP6ozPAhWNQD4KHamFDggQjRwIBw&url=http://gcamath4.weebly.com/numbers-and-operations--base-ten.html&bvm=bv.132479545,d.cWw&psig=AFQjCNGP8cXbwdkcyDnFPx8P3szRJVJndw&ust=1473872774412088)

**Lesson 4: Round #s**

1. Circle the digit in the place value column to round.  
2. Look at the # directly to the right. Underline it. If the underlined number is…  
 5 or more, add 1 more to circled #  
 4 or less, let it rest (circled # stays the same)  
3. All digits to right of circled # become 0, the numbers to the left, just bring down (unless you had to regroup.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwisyo-A74zPAhUDNT4KHd2DAiEQjRwIBw&url=http://lesson.website/how-to-round-numbers/&psig=AFQjCNFN_J_9v0E4jFYU-FvQWyAstOPyiA&ust=1473873758045890)

**Lesson 5: Rename #s**

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&ved=0ahUKEwir39-174zPAhVBID4KHWOhBkIQjRwIBw&url=https://www.youtube.com/watch?v%3DdIRDn9HZDzM&bvm=bv.132479545,d.cWw&psig=AFQjCNFVsN294jNlpeavtCDJBwVnMDGaOA&ust=1473874186002781)

**Lesson 6: Add Whole #s**

45, 698 + 5, 284 = \_\_\_\_\_\_\_\_

Step 1: Rewrite problem vertically (stacked) \*\*Line up place value columns\*\*

4 5, 6 9 8  
 + 5, 2 8 4

Step 2: Start with smallest place value column, regrouping when necessary.

4 5, 6 9 8 4 5, 6 9 8   
 + 5, 2 8 4 + 5, 2 8 4   
 2 5 0, 9 8 2

**Lesson 7: Subtract Whole #s**

7 9, 4 3 6 – 1 2, 9 2 7 = \_\_\_\_\_\_\_\_

Step 1: Rewrite problem vertically (stacked) \*\*Line up place value columns\*\*

7 9, 4 3 6  
 - 1 2, 9 2 7

Step 2: Start at smallest place value column, regrouping when necessary.

2 16 8 14 2 16   
 7 9, 4 3 6 7 9, 4 3 6   
 - 1 2, 9 2 7 - 1 2, 9 2 7  
 9 6 6, 5 0 9

**Lesson 8: Problem Solving**

CUBES: Circle important information. Underline question. Block key words/phrases. Evaluate using key words/phrases. Show work to solve. Write answer with label.