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

Study Guide

**Lesson 1: Place Value**



**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 =



**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.

 

**Lesson 5: Rename #s**



**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.