

Fourth Grade – Vann Elementary—Student’s Name- \_\_\_\_\_  
 Study Guide—for Test #2 (40 points) on Thursday, December 7<sup>th</sup>

Problem #1 We had 45 students wanting to play on a basketball team. How many teams can be created with 5 students per team. 45 divided by 5 = 9 teams

Use short division to find the answer to these questions:

- $39 \div 3$
- $69 \div 3$
- $96 \div 4$
- $80 \div 5$

Problem #2

**Partial Quotient Division**

Step 1: Draw what looks like a tower, or long line of the number 7 and place the dividend in the middle and the divisor on the outside.

Step 2: Next, pull out groups of 8. For example, you can pull out 40 groups of 8 for a total of 320. Place the number of groups on the outside and the total that was pulled out on the inside below the dividend.

Step 3: Subtract the total number of groups you just pulled out from the dividend.

Step 4: Pull out 3 groups of 8 for a total of 24 and subtract again.

Step 5: You can't pull out any more groups of 8, so add the numbers on the right to get the dividend of 43. The 7 is your remainder.

Examples-  
 Problem #3  
 Practice

- #1. 37 divided by 6      #2. 112 divided by 4      #3. 434 divided by 3