

Fourth Grade – Vann Elementary—Student’s Name- _____
 Study Guide—for Test #3 on Thursday, December 13th

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:

1. $39 \div 3$ $\begin{array}{r} 13 \\ 3 \overline{)39} \end{array}$ $\begin{array}{r} 13 \\ \times 3 \\ \hline 39 \end{array}$

2. $69 \div 3$ $\begin{array}{r} 23 \\ 3 \overline{)69} \end{array}$ $\begin{array}{r} 23 \\ \times 3 \\ \hline 69 \end{array}$

3. $96 \div 4$ $\begin{array}{r} 24 \\ 4 \overline{)96} \end{array}$

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.

$$\begin{array}{r} 43 \text{ R } 7 \\ 8 \overline{)351} \\ - 320 \\ \hline 31 \\ - 24 \\ \hline 7 \end{array}$$

$$\begin{array}{l} 40 \times 8 \\ + 3 \times 8 \\ \hline 43 \end{array}$$

Examples-

Problem #3- will include word problems

Practice

- #1. 36 divided by 6 #2. 49 divided by 4 #3. 98 divided by 3