

Name: Linda Johnson

Grade Level/Subject: 9<sup>th</sup> Grade Math

Topic: Division

Objectives (P.A.S.S.): Process Standard 1: Problem Solving

1. Apply a wide variety of problem-solving strategies to solve problem from within and outside mathematics

Introduction: The quotient (answer) of a division problem may not always be a whole number. I need to see where my students are at so I will know where to start them.

Instructional process: Hand out the math paper with different problems to see if they are having any trouble with this process.

Closure: Math requires you to THINK, after the summer the lowerlevel students sometimes have trouble with getting started again. I just use different things to start off with .

Assessment: I need to know where to start my students at the beginning of the year.

Modifications/Accommodations: I use lower level things to get my students started at the beginning to see where we need to start.

Reflection: My students seem to have this down good so we will move on to different things in division to see if they have decimals and reading word problems down.

# Division with Remainders

## Lesson 13

The quotient (answer) of a division problem may not always be a whole number.

In 69, there are 2 sets of 28 and 13 left over. The answer is written 2 R13.

In 486, there are 14 sets of 33 and 24 left over. The answer is written as 14 R24.

Examples:

$$\begin{array}{r} 2 \overset{13}{\text{Remainder}} \\ 28 \overline{)69} \\ \underline{-56} \\ 13 \text{ Remainder} \end{array}$$

$$\begin{array}{r} 14 \overset{24}{\text{Remainder}} \\ 33 \overline{)486} \\ \underline{33} \\ 156 \\ \underline{-132} \\ 24 \text{ Remainder} \end{array}$$

The remainder is always less than the dividend.

 Divide.

1.  $23 \overline{)68}$

2.  $48 \overline{)179}$

3.  $62 \overline{)785}$

4.  $28 \overline{)562}$

5.  $86 \overline{)695}$

6.  $92 \overline{)185}$

7.  $20 \overline{)77}$

8.  $32 \overline{)298}$

9.  $31 \overline{)689}$

10.  $15 \overline{)677}$

11.  $39 \overline{)86}$

12.  $32 \overline{)475}$

13.  $56 \overline{)784}$

14.  $82 \overline{)693}$

15.  $63 \overline{)772}$

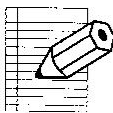
16.  $72 \overline{)862}$

17.  $72 \overline{)6,912}$

18.  $35 \overline{)4,192}$

19.  $38 \overline{)1,093}$

20.  $23 \overline{)6,219}$



Eric gathered 161 eggs and packed them in cartons of twelve. How many cartons did he fill? Were any eggs left over?

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