G5-W2-Lesson 21

- 1. Divide. Then check using multiplication.
 - a. 235 ÷ 68

I can find the estimated quotient and then divide using the long division algorithm.

I can estimate to find the quotient. $210 \div 70 = 3$

I'll use the quotient of 3. 3 groups of 68 is 204, and the difference between 235 and 204 is 31. The remainder is 31.

Check:

After checking, I see that 235 does match the original dividend in the problem.

h. 125 ÷ 32

I estimate to find the quotient. $120 \div 30 = 4$. Therefore, there should be about 4 units of 32 in 125.

When I use the estimated quotient of 4, I see that 4 groups of 32 is 128. 128 is more than the original dividend of 125. That means I over estimated. The quotient of 4 is too high.

3 R 29 32 1 2 5 - 9 6 2 9 Since the quotient of 4 is too much, I'll try 3 as the quotient. 3 groups of 32 is 96. The difference between 125 and 96 is 29. The remainder is 29.

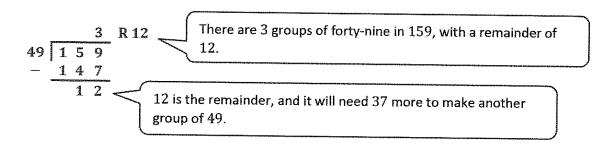
The actual quotient is 3 with a remainder of 29.

To check, I'll multiply the divisor and the quotient and then add the remainder.

3 2 9 6
3 + 2 9

I can use division to find how many 49's are in 159. First, I should estimate to find the quotient. $150 \div 50 = 3$

2. How many forty-nines are in one hundred fifty-nine?



There are 3 groups of forty-nine in 159.