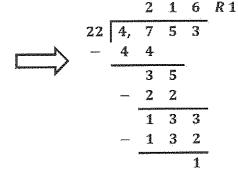
G5-M2-Lesson 23

- 1. Divide. Then check using multiplication.
 - a. $4,753 \div 22$

I look at the dividend of 4,753 and estimate. 40 hundreds $\div 20 = 2$ hundreds, or $4,000 \div 20 = 200$. I record 2 in the hundreds place. There's a remainder of 3 hundreds.

I look at 35 tens and estimate 20 tens \div 20 = 1 ten, or 200 \div 20 = 10. I record 1 in the tens place. There's a remainder of 13 tens.

I look at 133 ones and estimate 120 ones \div 20 = 6 ones, or 120 \div 20 = 6. I record 6 in the ones place. There's a remainder of 1 one.



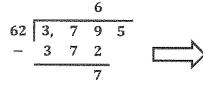
I check my answer by multiplying the quotient and the divisor, 216×22 , and then add the remainder of 1.

4, 7 5 2

After checking, I get 4,753, which does match the original dividend. So I know I solved it correctly.

I look at the dividend of 3,795 and estimate $360 \text{ tens} \div 60 = 6 \text{ tens}$, or $3600 \div 60 = 60$. I record 6 in the tens place. There's a remainder of 7 tens.

b.
$$3,795 \div 62$$



I look at 75 and estimate 60 ones \div 60 = 1 one, or $60 \div 60 = 1$. I record 1 in the ones place. The quotient is 61 with a remainder of 13.

Check:

I check my answer by first multiplying the quotient and the divisor, and then I add the remainder.

2. 1,292 balloons were shared equally among 38 students. How many balloons did each student receive?

I use division, $1,292 \div 38$, to find how many balloons each student receives.

Each student received 34 balloons with 0 balloons left over.

Each student received 34 balloons.