G5-N/2-Lesson 17

1. Estimate the quotient for the following problems.

a.
$$612 \div 33$$
 $\approx 600 \div 30$
I use the simple fact, $6 \div 3 = 2$, to help me solve $600 \div 30 = 20$.

b.
$$735 \div 78$$

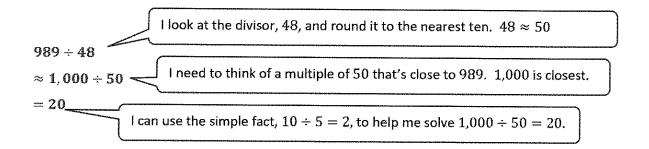
$$\approx 720 \div 80$$
I look at the divisor, 78, and round it to the nearest ten. $78 \approx 80$

$$\approx 720 \div 80$$
I use the simple fact, $72 \div 8 = 9$, to help me solve $720 \div 80 = 9$.

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c. 821 \div 99
\approx 800 \div 100
I can think of a multiple of 100 that is close to 821. 800 is the closest multiple.
= 8
I can use the simple fact, 8 \div 1 = 8, to help solve 800 \div 100 = 8.
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2. A baker spent \$989 buying 48 pounds of nuts. About how much does each pound of nuts cost?

To find the cost of 1 pound of nuts, I'll use division. $989 \div 48$



Each pound of nuts costs about \$20.