Name _____

Date _____

1. Estimate the quotient for the following problems. The first one is done for you.

a. 821 ÷ 41	b. $617 \div 23$	c. $821 \div 39$
≈ 800 ÷ 40	$\approx \frac{600}{30} \div 20$	$\approx 800 \div 40$
= 20	= 30	= 20
d. $482 \div 52$	e. 531÷48	f. $141 \div 73$
$\approx 500 \div 50$	≈ <u>500</u> ÷ <u>50</u>	$\approx 100 \div 100$
= 10	= <u>10</u>	= 1
g. 476 ÷ 81	h. 645 ÷ 69	i. $599 \div 99$
$\approx 500 \div 100$	≈ <u>¬00</u> ÷ <u>70</u>	$\approx (LDD) \div [DD]$
= 5	= <u>10</u>	= (0)
j. $301 \div 26$ $\approx 300 \div 30$ = 10	k. 729÷81 ≈ <u>100</u> ÷ <u>100</u> = <u>1</u>	$ \begin{array}{r} 1. 636 \div 25 \\ \approx \underline{(DU)} \div \underline{(D)} \\ = \underline{1D} \end{array} $

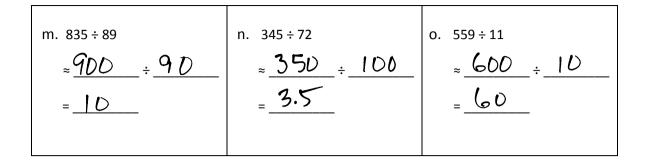


Lesson 17: Date: Use basic facts to approximate quotients with two-digit divisors. 7/4/13



2.E.25





2. Mrs. Johnson spent \$611 buying lunch for 78 students. If all of the lunches were the same cost, about how much did she spend on each lunch?

$$611 \div 78$$

 $\approx 600 \div 100$ About \$6
= 6

3. An oil well produces 172 gallons of oil every day. A standard oil barrel holds 42 gallons of oil. About how many barrels of oil will the well produce in one day? Explain your thinking.





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