

Name: Key

4th Grade Notes 6.5B Division with Bringing Down p. 353

Ex: $21 \div 7$

$$\begin{array}{r} 03 \\ 7 \overline{) 21} \\ \underline{-21} \\ 0 \end{array}$$

What is $2 \div 7$? doesn't work, so put a

zero

Since 2 didn't work, try 21.

Make sure to line up!

Ex: $45 \div 9$

$$\begin{array}{r} 05 \\ 9 \overline{) 45} \\ \underline{-45} \\ 0 \end{array}$$

Ex: $60 \div 5$

$$\begin{array}{r} 12 \\ 5 \overline{) 60} \\ \underline{-5} \downarrow \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

★ Hint: Only mult.
one digit at
a time.

After you bring down (one number at a time), do all the steps again:

1. divide: divide the new

answer by the divisor

2. mult.: mult. the answer

from #1 *only* by the divisor

3. sub., compare, bring down

4. keep going until you can't bring

any other number down

Ex: $88 \div 8$

$$\begin{array}{r} 11 \\ 8 \overline{)88} \\ \underline{-8} \\ 08 \\ \underline{-8} \\ 0 \end{array}$$

*The quotient and dividend must have the same number of digits.

Ex: $90 \div 2$

$$\begin{array}{r} 45 \\ 2 \overline{)90} \\ \underline{-8} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

Ex: $654 \div 3$

$$\begin{array}{r} 218 \\ 3 \overline{)654} \\ \underline{-6} \\ 05 \\ \underline{-3} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$