

Name: Key  
5<sup>th</sup> Grade Notes 3.8-9 Divide 3 & 4-Digit Dividends p.201, 209

REMINDERS:

- dividend : number you have to divide
- divisor : number you're dividing by
- quotient : answer

$24 \div 6 = 4$       $6 \overline{)24}$

Labels: dividend (24), divisor (6), quotient (4)

Division Steps:

1. divide
2. mult.
3. sub.
4. compare

(the difference **must** be less than the divisor)

5. bring down

-If you try to divide a number and it doesn't go in, put

a zero, then use two numbers to divide.

-After you bring down, do all the steps again, this time dividing the new answer by the divisor.

-Keep going until you can't bring anything else down.

-Put the remainder (number left over) next to the quotient.

Ex:  $7,946 \div 6$

$$\begin{array}{r} 1,324 \text{ R}2 \\ 6 \overline{) 7,946} \\ \underline{-6} \phantom{0} \phantom{0} \phantom{0} \\ 19 \phantom{0} \phantom{0} \phantom{0} \\ \underline{-18} \phantom{0} \phantom{0} \phantom{0} \\ 14 \phantom{0} \phantom{0} \phantom{0} \\ \underline{-12} \phantom{0} \phantom{0} \phantom{0} \\ 26 \phantom{0} \phantom{0} \phantom{0} \\ \underline{-24} \phantom{0} \phantom{0} \phantom{0} \\ 2 \phantom{0} \phantom{0} \phantom{0} \end{array}$$

Ex:  $6,784 \div 7$

$$\begin{array}{r} 0969 \text{ R}1 \\ 7 \overline{) 6,784} \\ \underline{-6} 3 \phantom{0} \phantom{0} \\ 48 \phantom{0} \phantom{0} \phantom{0} \\ \underline{-42} \phantom{0} \phantom{0} \phantom{0} \\ 64 \phantom{0} \phantom{0} \phantom{0} \\ \underline{-63} \phantom{0} \phantom{0} \phantom{0} \\ 1 \phantom{0} \phantom{0} \phantom{0} \end{array}$$