

Name: key

5th Grade Notes 3.10 Quotients with Zeros p. 215

Ex: $5,231 \div 4$

$$\begin{array}{r} 1,307 R3 \\ 4 \overline{) 5,231} \\ \underline{4} \\ 12 \\ \underline{-12} \\ 03 \\ \underline{-0} \\ 31 \\ \underline{-28} \\ 3 \end{array}$$

3 \div 4 doesn't work, so put a zero in the quotient, and continue the steps normally

Ex: $840 \div 4$

$$\begin{array}{r} 210 \\ 4 \overline{) 840} \\ \underline{-8} \\ 04 \\ \underline{-4} \\ 00 \\ \underline{-0} \\ 0 \end{array}$$

just because it's zero, doesn't mean you're done- you need to finish (there's nothing above the zero in the dividend) -keep going to finish the quotient (same # of numbers in the dividend and quotient)