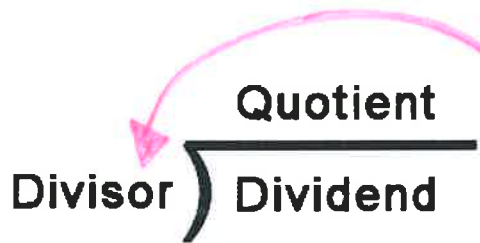


DIVIDING DECIMALS



Remember: To divide decimals, multiply both the divisor and the dividend by a power of 10 that will make the divisor a whole number. Then line up the decimal point in the quotient with the decimal point in the dividend.

Examples:

1) $33.125 \div 5.3 =$

Multiply by 10 to get whole # 53

$$\begin{array}{r} 006.25 \\ 5.3 \overline{) 33.125} \\ \underline{-318} \\ 132 \\ \underline{-106} \\ 265 \\ \underline{-265} \\ 0 \end{array}$$

2) $7.6 \div 0.05 =$

Multiply by 100 to get whole # 5

$$\begin{array}{r} 152. \\ .05 \overline{) 7.60} \\ \underline{-5} \\ 26 \\ \underline{-25} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

3) $51.3 \div 2.7 =$

Multiply by 10 to get whole # 27

$$\begin{array}{r} 19. \\ 2.7 \overline{) 51.3} \\ \underline{-27} \\ 243 \\ \underline{-243} \\ 0 \end{array}$$

4) $4.95 \div 5.5 =$

Multiply by 10 to get whole # 55

$$\begin{array}{r} 00.9 \\ 5.5 \overline{) 4.95} \\ \underline{-495} \\ 0 \end{array}$$