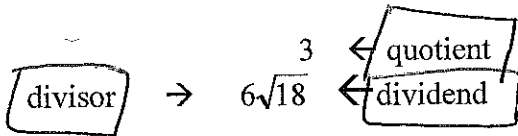


Dividing Decimals

Recalling parts of a division problem:



****ALWAYS PLACE THE DECIMAL POINT IN THE QUOTIENT DIRECTLY ABOVE WHERE IT IS IN THE DIVIDEND****

Ex: $40.95 \div 3$

When dividing by a decimal, rewrite the problem so that the divisor is a whole.

Ex: $25.75 \div 2.5$

When you divide by a decimal, sometime you need to use extra zeros in the dividend, the quotient or both!

Ex. Find $0.14 \div 0.04$.

Find $17.6 \div 3.2$

Guess & Check

Round to hundredth?

Ex: $4.26 \overline{7} \dots$
 \downarrow
 4.27

21.123
 $\uparrow \quad \uparrow \quad \uparrow \quad \uparrow$
 tens ones tenths hundredths thousandths