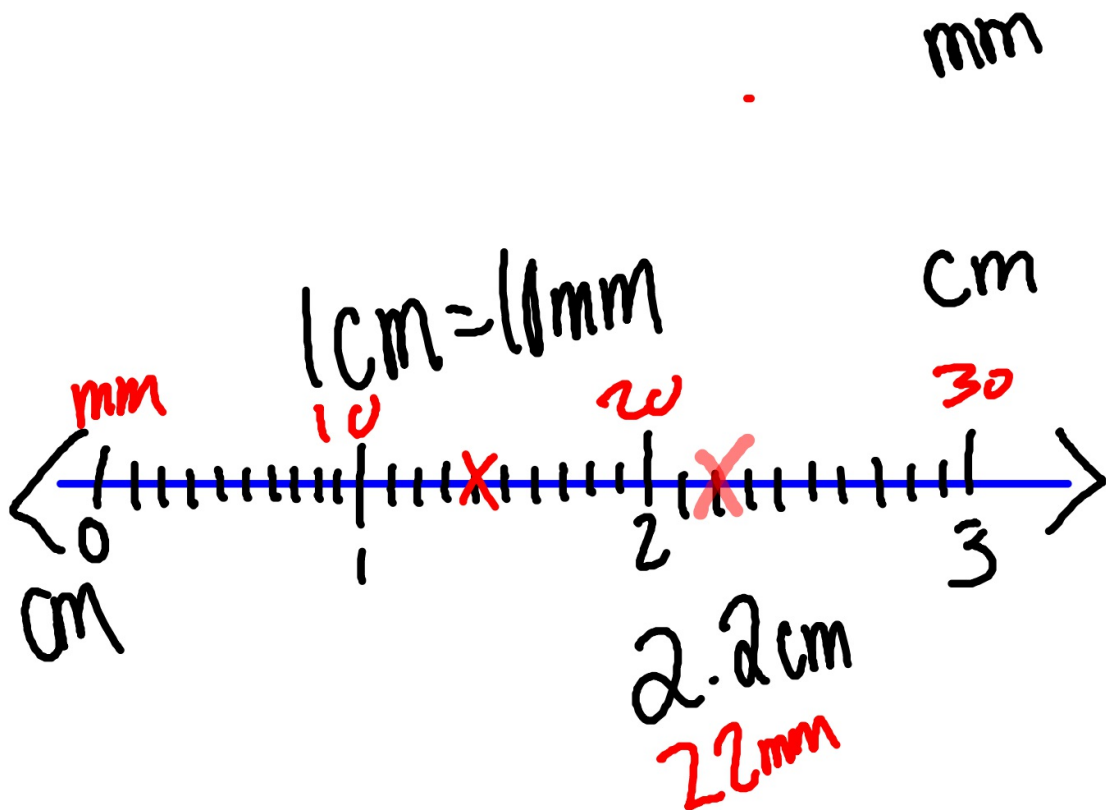
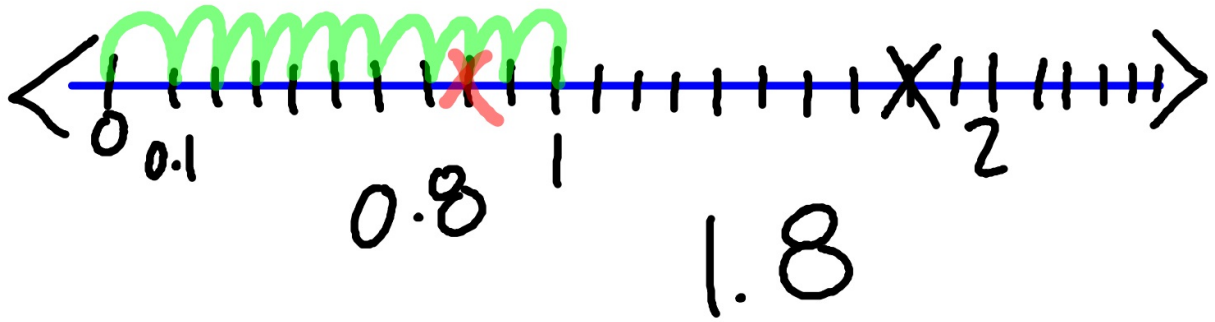


L34 | DECIMAL #'s ON A # LINE



## L35 +|-/x|÷ Decimals

- +|- :
- ★ align the decimal
  - ★ add 0's as place holders
  - ★ +|- as normal
  - ★ bring decimal straight ↓

$$2.7 + 4.55 + 6.0$$

$$\begin{array}{r} 2.70 \\ 4.55 \\ + 6.00 \\ \hline 13.25 \end{array}$$

$$\begin{array}{r} 4.2 \quad - \quad 3.79 \\ \phantom{4.} \overset{3}{4} \overset{11}{2} \overset{0}{0} \\ - \quad 3.79 \\ \hline 0.41 \end{array}$$

- X :
- ★ do not align decimal (ignore till end)
  - ★ multiply as normal
  - ★ # of decimals in factors = # of decimals in product (moving decimal in product to the left)

$$2.2 \times .04$$

$$\begin{array}{r} 2.2(1) \\ \times .04(2) \\ \hline .088 \end{array}$$

$\rightarrow 0.088$

$$.02 \times 12.045$$

$$\begin{array}{r} 12.045(3) \\ \times .02(2) \\ \hline 24090 \end{array} = 0.24090$$

÷ a decimal: ★ bring decimal up  
(deci inside house)

$$\begin{array}{r} 0.4 \\ 6 \overline{) 2.4} \end{array}$$

★ divide normal

★ add 0's to continue division

$$\begin{array}{r} 0.0125 \\ 8 \overline{) 0.1000} \\ \underline{8} \phantom{000} \\ 20 \\ \underline{16} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

÷ by a decimal:  
(decimal outside)

$$\begin{array}{r} 0.02 \overline{) 4.822} \\ \underline{2411} \\ 2 \overline{) 4822} \end{array}$$

★ move decimal on outside to the right until becomes a whole #.  
move decimal inside same # of times

★ bring decimal up

★ divide normal

★ add 0's to continue division

$$\underline{.012 \overline{) 1.440}}$$

$$\begin{array}{r} 120 \\ \underline{12 \overline{) 1440}} \\ 12 \\ \hline 24 \\ 24 \\ \hline 00 \\ \underline{00} \end{array}$$

L34 #1, 3, 5, 6, 8-11, 13, 14, 18-25

L35 Practice set all

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TEST WEDNESDAY