



8.3 Adding Decimals

Line up decimals. Add.

$$23.5 + 7.42$$

$$\begin{array}{r} 23.50 \\ + 7.42 \\ \hline 30.92 \end{array}$$

$$0.28 + 0.6 + 0.09$$

$$\begin{array}{r} 0.28 \\ 0.60 \\ + 0.09 \\ \hline 0.97 \end{array}$$

$$4.34 + 12.876$$

$$\begin{array}{r} 4.340 \\ + 12.876 \\ \hline 17.216 \end{array}$$

Change Decimal \rightarrow Fraction

"Say it, write it, simplify it"

$$0.23 = \frac{23}{100} \quad 0.5 = \frac{5}{10} = \frac{1}{2}$$

$$1.23 = \frac{123}{100} \quad 0.75 = \frac{75}{100} = \frac{3}{4}$$

$$13.08 = 13\frac{8}{100} = 13\frac{2}{25} \quad 0.6 = \frac{6}{10} = \frac{3}{5}$$

Least 2 Greatest

0.8, 0.9, 0.53

L 0.09, 0.53, 0.8



G

12.5, 12.62, 12.58, 12.5

L 12.5, 12.58, 12.62 G 12.58

0.84 < 0.9

Zeros on the end add NO value

$$42.8 = 42.8000$$