

9/7/20

Adding fractions

Fraction

Part ← Amount/Quantity
Whole ← UNIT OF MEASURE
 $\frac{2}{3}$ means 2 thirds

Like Denominators

- 1) Add numerators
 - 2) Carry over denominator
- * denominators are Units

ex: $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$

↑
* don't add denominators!

Unlike Denominators

GCF - Greatest Common Factor

LCD - Lowest Common Denominator
the factor they have in common

ex: $\frac{12}{34} + \frac{10}{25}$

$\frac{12}{26}$ $\frac{10}{25}$

Reciprocal - 2 fractions inverted (flipped)
ex: $\frac{2}{3}$ & $\frac{3}{2}$

- 1) Find ~~QCD~~ LCD for denom
- 2) Rewrite fractions
- 3) Follow steps for like denom.

* You can find any common denom! doesn't have to be lowest

ex: $\frac{2}{3} + \frac{3}{5} \rightarrow 3 \times 5 = 15$

$\frac{10}{15} + \frac{9}{15} = \frac{19}{15}$