

Division

- ① 'to X'
- ② Flip the 2nd fraction (reciprocal)

ex: $\frac{2}{5} \div \frac{4}{9}$
 $= \frac{2}{5} \times \frac{9}{4}$
 $= \frac{18}{20} = 2$
 $= \frac{9}{10}$

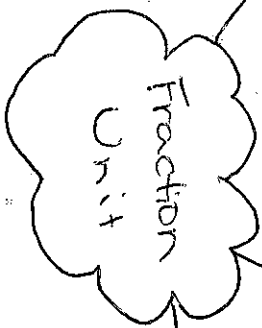
~~BEDMAS~~ exponent = multiplication

$\frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$

Multiplication / ~~division~~

- ① Numerator x numerator
- ② denominator x denominator

$\frac{5 \times 2}{6 \times 3} = \frac{10}{18} = \frac{5}{9}$



you means multiply

Mixed and whole #'s
 if $\frac{1}{3} \times 5$ invisible 1 under 1

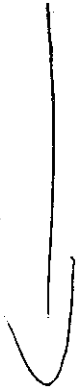
$2\frac{4}{7} = \frac{18}{7}$ (keep denominator)
 convert 1st then perform the operation asked

Adding/Subtracting fractions

Find or common denominator

$\frac{17}{12} + \frac{3}{6} = \frac{17}{12} + \frac{4}{12} = \frac{21}{12}$

12, 24
 6, 12



Word Problems

highlight important info

"What do know."

Total / usually adding

Divide equally = divide.

$$\frac{2}{3} \text{ of } 1\frac{1}{2}$$

$$= \frac{4}{4}$$