Adding + Subtracting fractions

Vocab $\frac{3}{4}$ → numerator
4 → denominator

mixed number $1\frac{1}{2}$ improper $\frac{4}{3}$

Examples

① with comman denominators

$\frac{2}{8} + \frac{4}{8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{8}$ * simplest form

② uncomman denominators

$\frac{4}{5} - \frac{1}{3}$ $\frac{4 \times 3}{15} - \frac{1 \times 5}{15} = \frac{12}{15} - \frac{5}{15} = \frac{7}{15}$

5	3
×3 5	3
10	6
15	9 ×5
	12
	15

③ with whole + mixed numbers

$11 - 8\frac{2}{3} = \frac{11}{1} - 8\frac{2}{3} = \frac{33}{3} - \frac{26}{3} = \frac{7}{3} = 2\frac{1}{3}$

* Always Always turn mixed numbers into improper!! Every time.