Fraction Rules

- When adding fractions, make sure you have a common denominator.
- Add only the numerators.
- Simplify if possible.

$$\frac{1}{4}+\frac{1}{3}=\frac{3}{12}+\frac{4}{12}=\frac{7}{12}$$

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- When subtracting fractions, make sure you have a common denominator.
- Subtract only the numerators
- Simplify if possible

$$\frac{2}{3}-\frac{1}{6}=\frac{4}{6}-\frac{1}{6}=\frac{3}{6}=\frac{1}{2}$$

simplify

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- When multiplying fractions, multiply the numerators together, then multiply the denominators together.
- Simplify if possible

$\frac{3}{5} \times \frac{5}{6} = \frac{15}{30} = \frac{1}{2}$ (Simplify)

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- When dividing fractions, find the reciprocal of the fraction you are dividing by. Then multiply the fractions

$\frac{2}{3} \div \frac{4}{9} = \frac{2}{3} \times \frac{9}{4} = \frac{18}{12} = 1\frac{1}{2}$

(Find Reciprocal; Simplify)

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