



Fraction Rules

#1 To add or subtract, you need common denominators. Then add or subtract only the numerators.

$$\frac{3}{4} + \frac{1}{2} =$$
$$\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$$

#2 Reduce to lowest terms when needed.

$$\frac{2}{4} = \frac{1}{2}$$
$$\frac{5}{4} = 1\frac{1}{4}$$

#3 To multiply, first multiply the numerators and then the denominators.

$$\frac{3}{4} \times \frac{1}{2} =$$
$$\frac{3 \times 1}{4 \times 2} = \frac{3}{8}$$

#4 To divide, flip the second fraction and multiply.

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