

RATIO

A RATIO

Definition **Ratio**

A **ratio** is a comparison of two quantities. The ratio **2** to **3** can be expressed as the fraction $\frac{2}{3}$.

Ex:

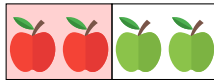


The fraction of red apples to all the apples is $\frac{3}{4}$.

B EQUIVALENT RATIOS

Method **Simplifying Ratios**

The fraction of red apples to all apples is $\frac{2}{4}$, which simplifies to $\frac{1}{2}$ (half are red).



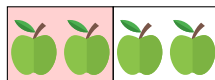
C PART IN WHOLE-PART RELATIONSHIPS

Method **Finding Part in Whole-Part Relationships**

To find the number of apples corresponding to $\frac{1}{2}$ of 4 apples:



- **Draw the fraction:**



- **Count the apples in the colored part:** there are 2 apples.