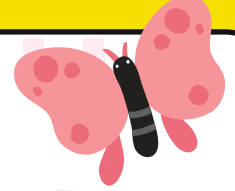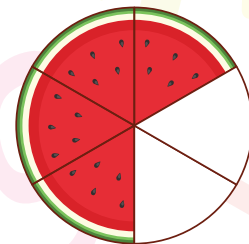# BUTTERFLY METHOD

- In the following picture, you can see a butterfly-like structure. In the orange ellipse, you can see 1 and 5 and in the purple one, the numbers are 6 and 3.

- Now, multiply the denominator first. You will get 30 as the product of 6 and 5.

- Then, multiply 1 and 5 and get 5 as the product written on the left side of the butterfly.

- After that, multiply 6 and 3 and get 18 as the product written on the right side of the butterfly. The denominators of 5 and 18 are 30 and 30.

- Now add 5/30 and 18/30. The sum will be 23/30.

$$\frac{1}{6} + \frac{3}{5} = ?$$

$$\frac{5}{30} = \frac{1}{6} + \frac{3}{5} = \frac{18}{30}$$

$$\frac{5}{30} + \frac{18}{30} = \frac{23}{30}$$

Product = 6 × 5 = 30