

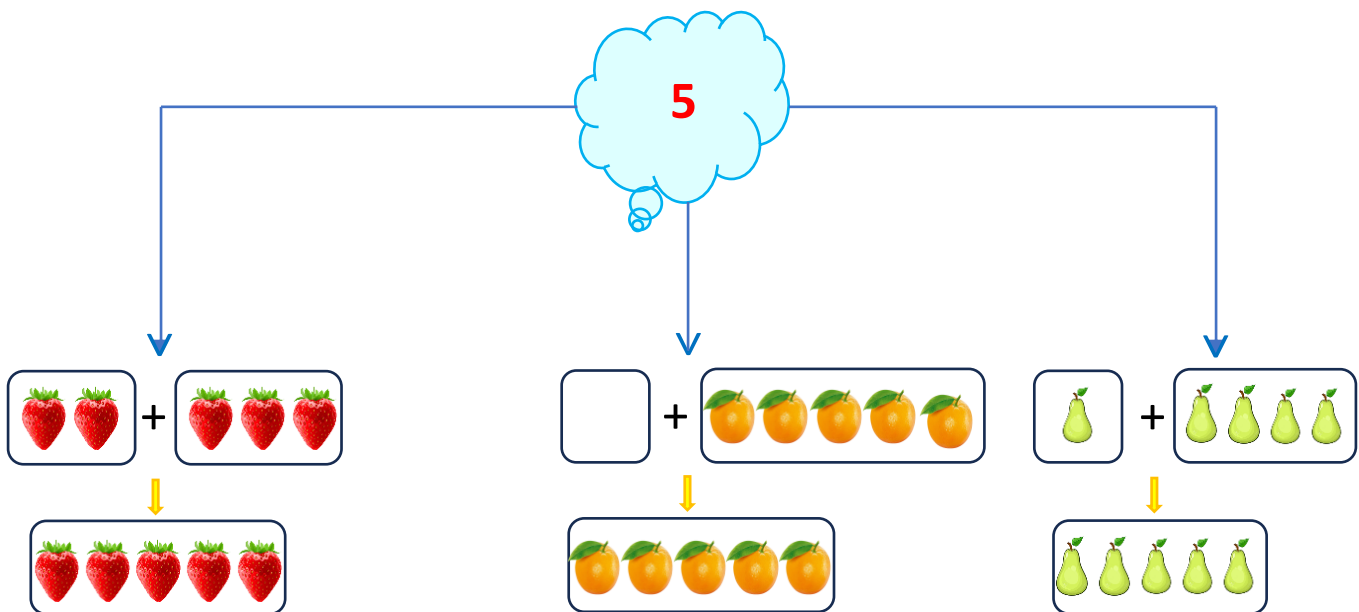
Make a number using addition

Make a number using addition

Definition

- Making a number using addition with different addend refers to the process of finding a set of distinct numbers that can be added together to produce a specific target number.
- This can be considered a type of combinatorial problem
- As it involves identifying the various ways in which different addend can be combined to achieve a desired outcome.

Make a number 5 using addition

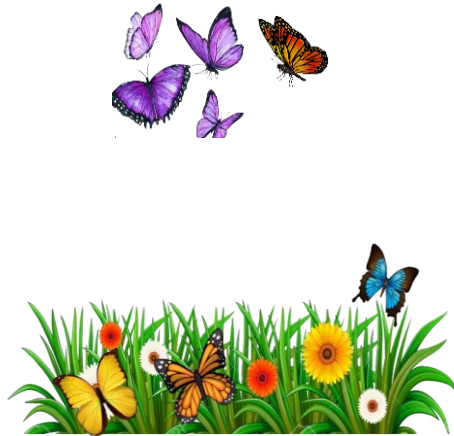


Here we make the number 5 by using different addends.

Make a number 8 using addition



$$7 \text{ butterflies} + 1 \text{ butterfly} = 8 \text{ butterfly}$$



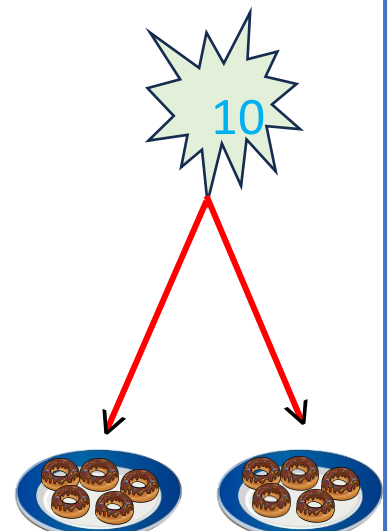
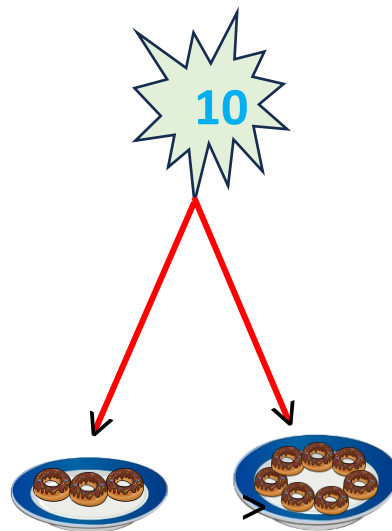
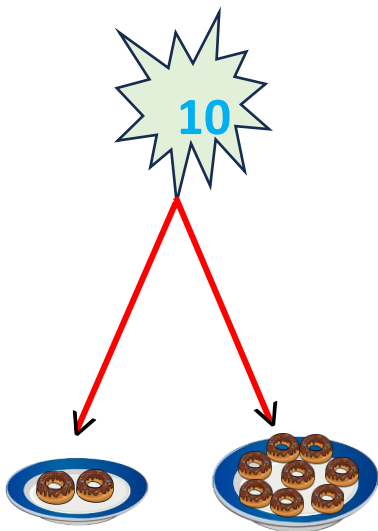
$$3 \text{ butterflies} + 5 \text{ butterflies} = 8 \text{ butterflies}$$



$$4 \text{ butterflies} + 4 \text{ butterflies} = 8 \text{ butterflies}$$

Here we make the number 8 by using different addends.

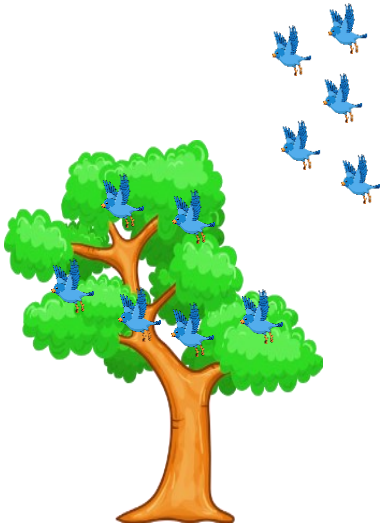
Make a number 10 using addition



Here we make the number 10 by using different addends.

Make a number 11 using addition

$$6 + 5 = 11$$



$$7 + 4 = 11$$

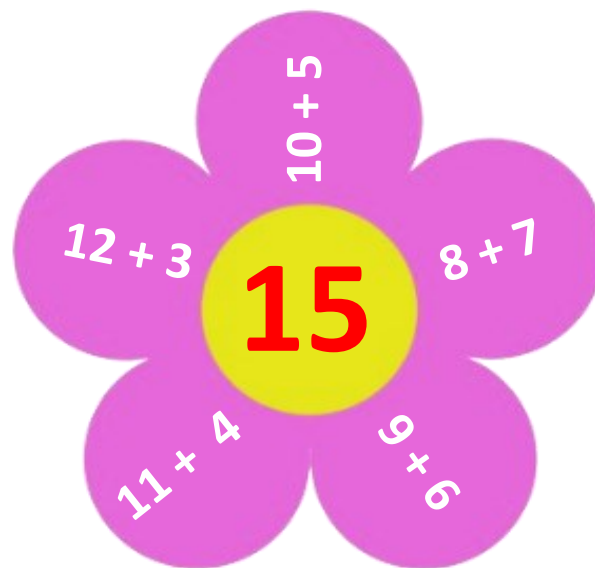


$$5 + 6 = 11$$



Here we make the number 11 by using different addend.

Make a number 15 using addition



Here we make the number 15 by using different addend.