1. How many different ways can 5 books be set on a shelf ?
2. In how many ways can 3 English and 2 Maths books be set on a shelf, if the English books are set on the left and math books on the right?
3. In how many ways can 3 English and 2 Maths books be set on a shelf, if they are grouped by subject?
4. In how many different ways can 3 English and 2 Maths books be set on a shelf if math books are set next to each other?

Ex. 5