

COMBINATIONS

Find the number of combinations:

1. a group of 4 fabrics selected from 7 fabrics
2. a committee of 3 students chosen from a group of 15 students
3. a team of 5 players selected from a squad of 10 players
4. a committee of 4 employees selected from 20 employees
5. 2 books selected from a library of 800 books
6. How many combinations of 5 letters can be made from the set of letters {a, b, c, d, e, f, g}?
7. How many combinations of five dogs can be made from a group of 15 dogs?
8. Subs and Clubs offers eight different lunchmeats for their sandwiches. How many different combinations can be made of sandwiches with three lunchmeats?