Switches

Each switch can be on or off at any point.

2 Switches

How many different combinations are there?

Switch 1	Switch 2

3 Switches

How many different combinations are there?

Switch 1	Switch 2	Switch 3

4 Switches

How many different combinations are there?

Switch 1	Switch 2	Switch 3	Switch 4

How many combinations will there be for 5 switches?