

Distinguish, differentiate, compare and explain what is the difference between One Way Slab and Two Way Slab. Comparison and Differences.

Differences between One Way and Two Way Slab

S.No.	One Way Slab	Two Way Slab
1	The slabs are supported by the beams on the two opposite sides.	The slabs are supported on all the four sides.
2	The loads are carried along one direction.	The loads are carried along with both directions.
3	The ratio of Longer span to shorter span is equal or greater than 2. (i.e $l/b \geq 2$)	The ratio of Longer span to shorter span is less than 2. (i.e $l/b < 2$)
4	Main reinforcement is provided only in one direction (Shorter side).	Main reinforcement bars are provided in both directions.
5	The deflected shape is cylindrical.	The deflected shape is like a dish or saucer.