

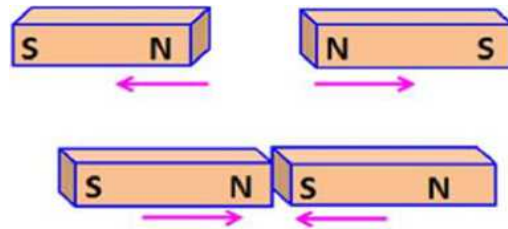
## Attraction and Repulsion Between Magnets



Like poles of two magnets attract each other i.e. the north pole of one magnet attracts the south pole of another magnet.

### LIKE POLES REPEL EACH OTHER

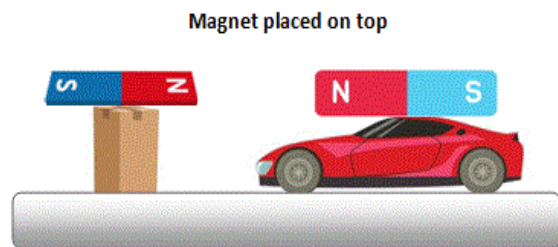
Opposite poles repel each other i.e. the north pole repels the north pole and the south pole repels the south pole.



### Example:

Ashish has a toy car having a magnet fitted on top of the car. Another magnet, say magnet A is placed on a box as shown in the figure. If he keeps the north pole of a magnet. A near the car then the car will be pulled by the magnet.

### UNLIKE POLES ATTRACT EACH OTHER



### Solution:

If Ashish keeps the north pole of magnet A heading towards the north pole of the magnet which is placed on top of the car then these two magnets repel each other because like poles of the magnet repel each other whereas unlike poles magnet attracts each other.