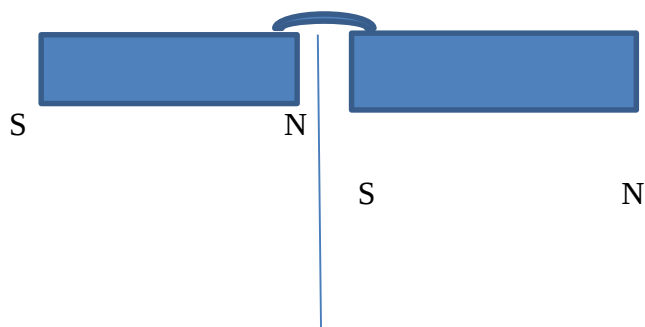
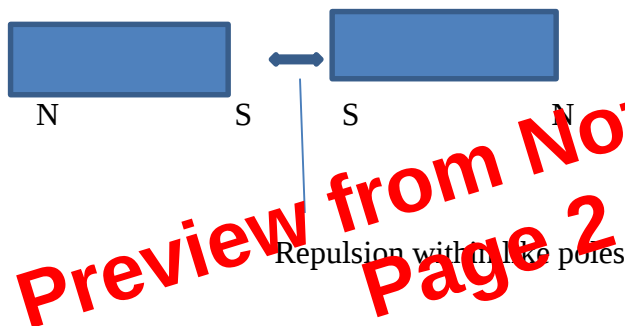


$$\begin{array}{r}
 \text{If } 1\text{kg}=10\text{N/kg} \\
 1000\text{N}=? \\
 1000 \times 1 \\
 \hline
 10
 \end{array}$$

=100Kg

b) Magnetic force

This is a force that is felt when a magnet attracts magnetic materials. A magnet has got two ends called poles i.e. North Pole and South Pole. When a magnet is hung freely on the earth, it will rotate and rest on the direction of North-South direction. A magnet exhibits two types of forces: attraction and repulsion forces. When a north pole is brought close to another north pole of a different magnet they will repel i.e. like poles repel while unlike poles attract. When unlike poles are brought together they attract. This gives us the law of magnetism: like poles repel while unlike poles attract.



Attraction within unlike poles