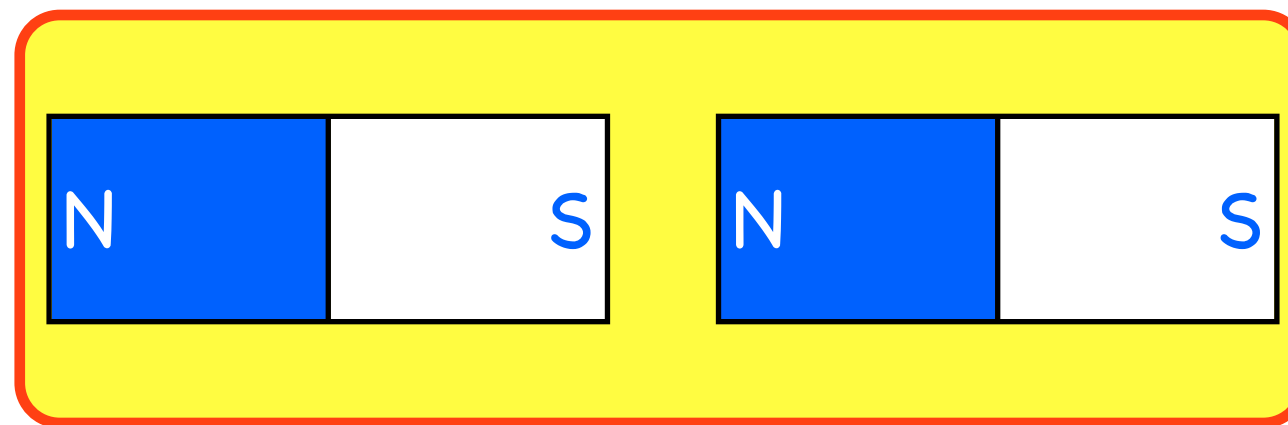
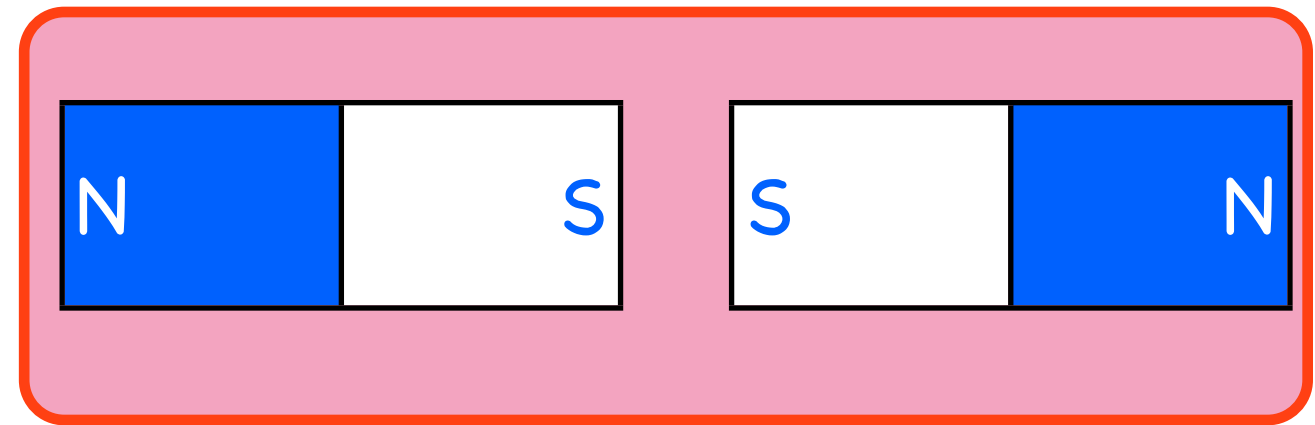
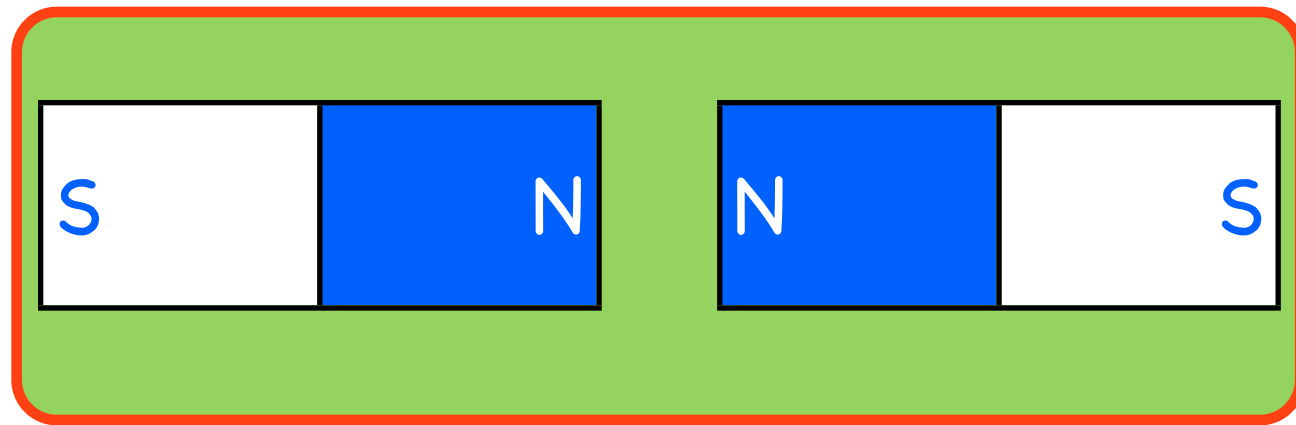


Forces and Magnets

Learning Objective:

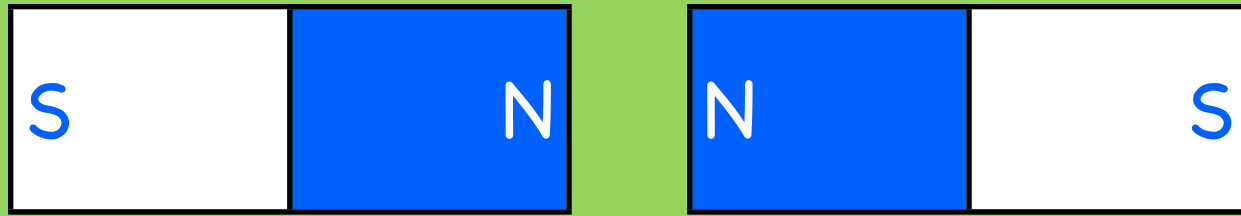
To be able to identify magnetic materials.



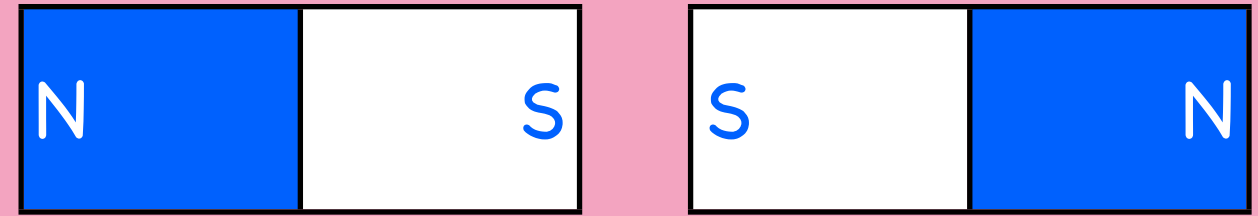


Which of these magnets will **attract**
and which will **repel**?

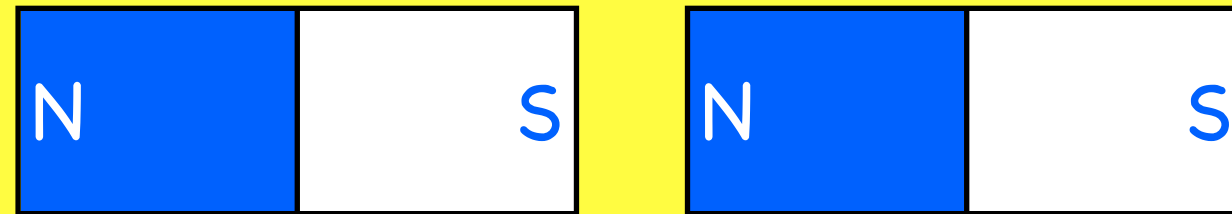




Repel



Repel



Attract



Did you get each one right? Remember, poles that are the same repel and poles that are opposite attract.



We have found out that magnets can attract or repel each other but can you think of any other materials that are magnetic (meaning they are attracted to magnets)?





Magnetic

☐

Non-magnetic

☐

Magnetic

☐

Non-magnetic

☐

Magnetic

☐

Non-magnetic

☐

Magnetic

☐

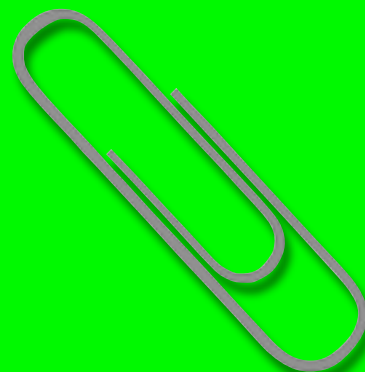
Non-magnetic

☐

Magnetic

☐

Non-magnetic

☐

Magnetic

☐

Non-magnetic

☐

Magnetic

☐

Non-magnetic

☐

Magnetic

☐

Non-magnetic

☐

Which of these materials do you predict would be magnetic? Why?



Today you will be testing different materials to see whether or not they are magnetic. To do this, you can put the material you are testing next to the magnet to see if there is either an attraction (which will draw the material to the magnet) or a repulsion (the magnet will push the material away from it). If nothing happens, it means that the material is not magnetic.



Some objects (such as TVs, computers and other electronic equipment) may be damaged if brought into contact with a magnet, so keep away!

