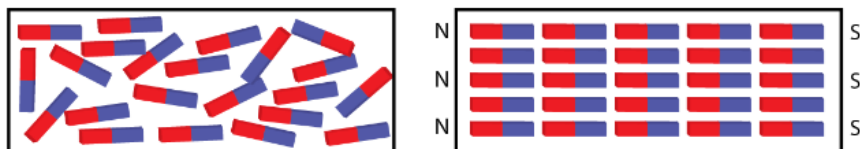


Worksheet on Magnet

1. We know that magnets attract a piece of iron. Take a magnet and try testing it with many objects in your house; particularly kitchen utensils which are mostly metallic.

Can you draw any conclusions from your observations?

2. Given below are some statements about magnets, answer in Y or N
 - a. It attracts all objects containing iron.
 - b. Does it attract any other metals?
 - c. Does it attract non-metallic substances?
 - d. Steel is an alloy containing iron. But we find that most of the stainless steel utensils are not attracted by magnets. However, magnet can attract some variety of stainless steel articles.
3. Suppose if we are given a magnet without markings of the poles, is there some way we can find the location of the poles?
4. Suppose we have a bar magnet without markings of the poles. How do we find which one is north?
5. Can you guess why a freely suspended magnet always rests in the north-south direction? With diagram
6. Go through the given illustration and explain the reason with one activity.



NCERT solution + Keyword of the chapter