

Name: _____ Date: _____

Fun with Magnets

Q1. What are Magnetic Material and Non-Magnetic Material? Give examples.

Ans. _____

Q2. Write the magnetic and non-magnetic substances from the list given below in respective column:

Iron, Steel, Nickel, Plastic, Cobalt, Wood, Copper, a stainless steel spoon and leather

Ans.

Magnetic	Non-Magnetic

Q3. Differentiate between Natural and Artificial Magnet.

Ans.

Natural Magnet	Artificial Magnet
1.	1.
2.	2.
3.	3.

Fun with Magnets

Q1. What are Magnetic Material and Non-Magnetic Material? Give examples.

Ans. The materials which get attracted towards a magnet are magnetic materials. Iron, nickel, cobalt and their alloy are magnetic materials.

The materials which are not attracted towards a magnet are non-magnetic materials. Plastic, rubber, leather, aluminium, copper, brass, stainless steel, wood etc. are non-magnetic materials.

Q2. Write the magnetic and non-magnetic substances from the list given below in respective column:

Iron, Steel, Nickel, Plastic, Cobalt, Wood, Copper, a stainless steel spoon and leather

Ans.

Magnetic	Non-Magnetic
Iron	Plastic
Steel	Wood
Nickel	Copper
Cobalt	Stainless steel spoon
	Leather

Q3. Differentiate between Natural and Artificial Magnet.

Ans.

Natural Magnet	Artificial Magnet
1. A natural magnet is a magnet that occurs naturally in nature.	1. Magnets made by man are called artificial magnets.
2. Example: lodestone or magnetite	2. Example: cylindrical magnet, bar magnet, U-shaped magnet or horseshoe magnet.
3. Natural magnets are permanent magnets.	3. Artificial magnets can be temporary as well as permanent.