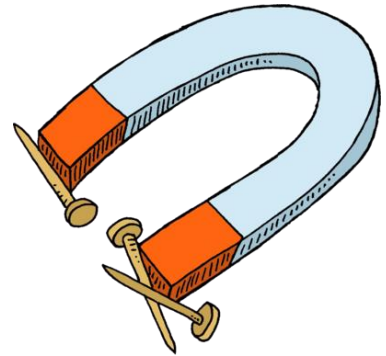


My MAGNETS



Practice Booklet



This Book Belongs To

made by





MAGNET

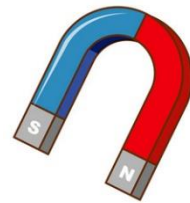


Magnets are like a big invisible force that we can't see, just like the wind.

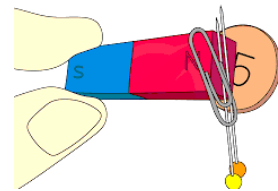
It is a rock or a piece of metal that can pull certain types of metal toward itself.



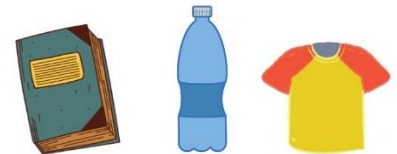
Magnets are usually made of metal iron or another material with lots of iron in it, like steel.



They can pull things that are made of iron or that contain iron.

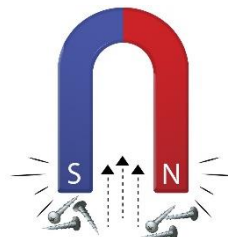
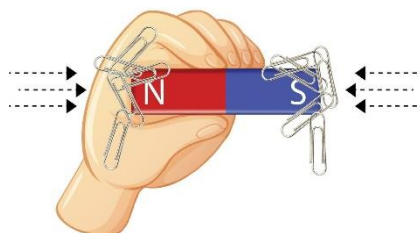


They can't pull things like paper, glass, cloth, rubber, wood or plastic.



MAGNETIC FORCE

It is the attraction or repulsion between substances made of certain materials, such as iron, nickel, cobalt, and steel.



MAGNETISM



The force of magnets.

It is a basic force of nature,
like electricity and gravity.

It works over a distance.

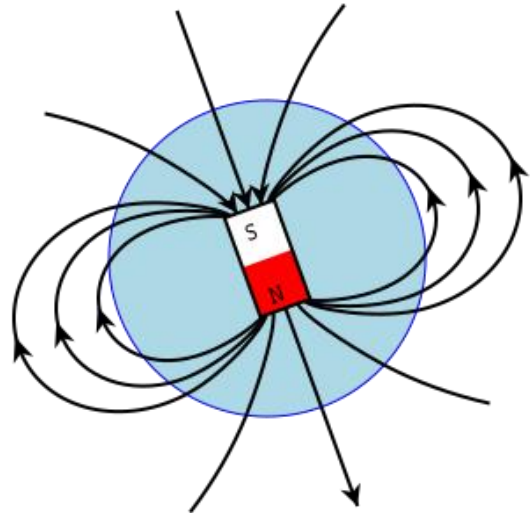


MAGNETIC FIELD

It is the area around a magnet that
has magnetic force.

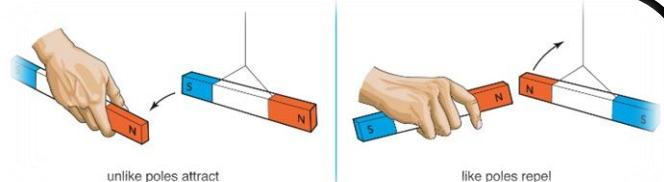
All magnets have a magnetic field,
no matter how big they are.

It is concentrated around
the ends of magnets.



MAGNETIC POLES

The area at each end of a magnet
with the strongest magnetic field.



There are two poles in a magnet:
a north pole (N) and a south pole (S).

Opposite poles attract. Similar poles repel.

(ex: one N and one S)



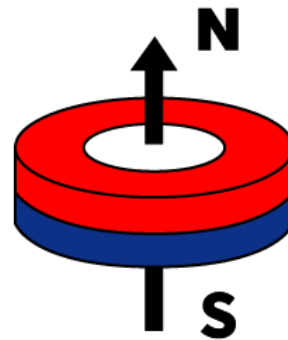
Shapes ♥f MAGNETS



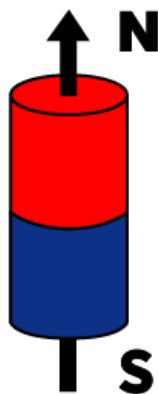
Magnets are made in many shapes.
Magnetism works differently in each one.



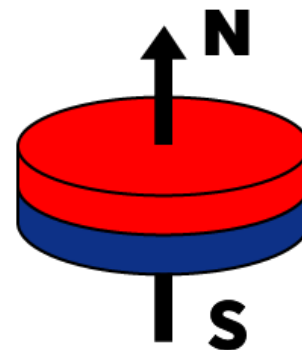
Bar Magnets



Ring Magnets



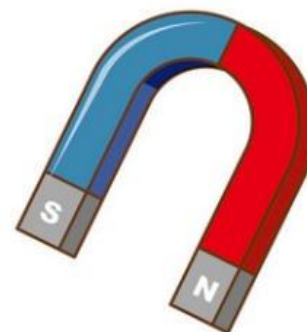
Cylinder Magnets



Disc Magnets

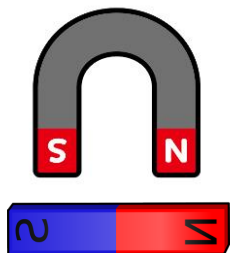


Needle Magnet

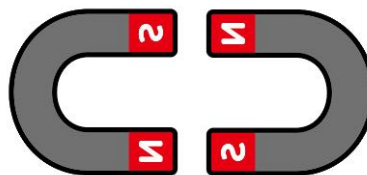


Horseshoe Magnets

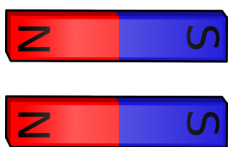
Choose whether these magnets will attract or repel:



attract repel



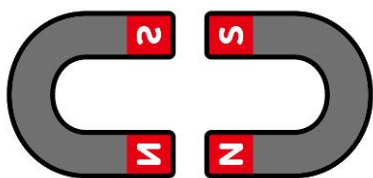
attract repel



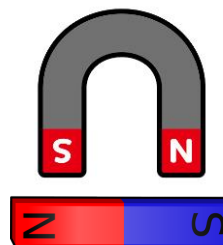
attract repel



attract repel



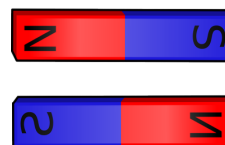
attract repel



attract repel



attract repel



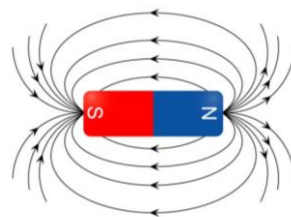
attract repel

Circle the correct answer to complete the sentences:



1. The magnetic force is _____.

- a) weakest at the poles.
- b) strongest in the middle.
- c) weakest in the middle.



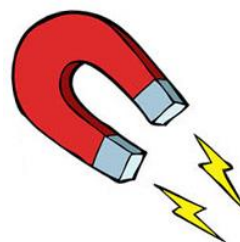
2. Each magnet has _____ poles.

- a) three
- b) two
- c) one



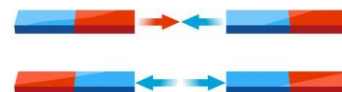
3. _____ is the force of magnets and it works over distance.

- a) Magnetic field
- b) Magnetic poles
- c) Magnetism



4. Similar poles _____, while opposite poles _____.

- a) repel - attract
- b) attract - attract
- c) repel - attract

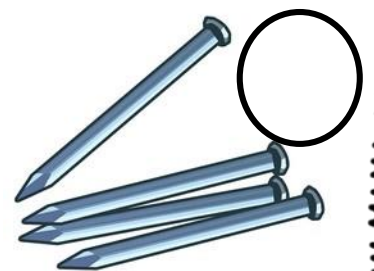
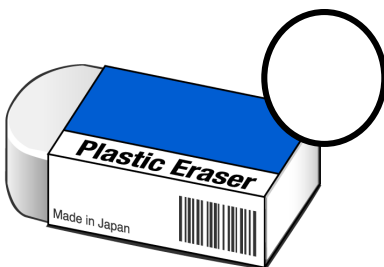
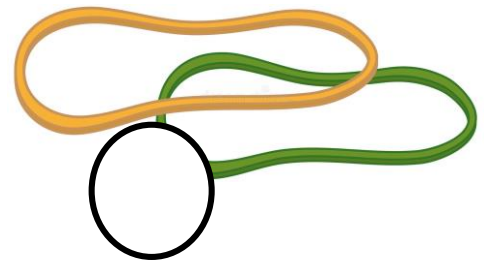
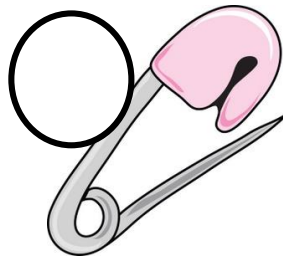
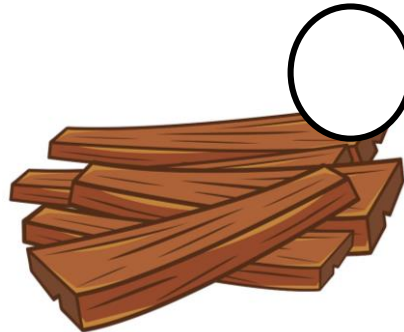
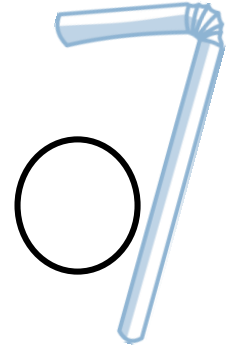
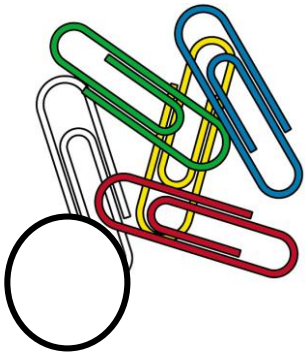


5. Magnets attract objects made of _____.

- a) glass
- b) wood
- c) iron



Put (✓) next to the things that
can be attracted by the magnet:



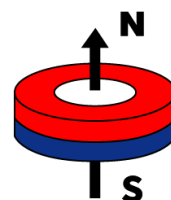
Label the shapes of magnets with their correct names:

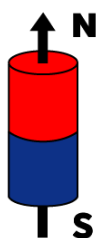


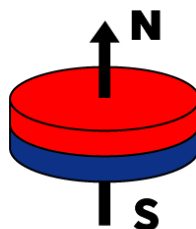
Bar magnet - Ring magnet - Disc magnet - Cylinder magnet -
Horseshoe magnet - Needle magnet

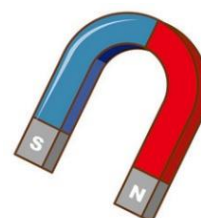




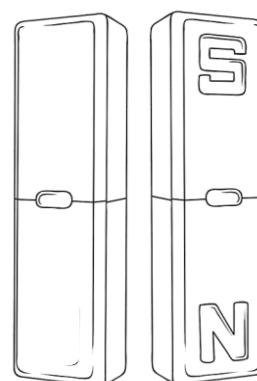
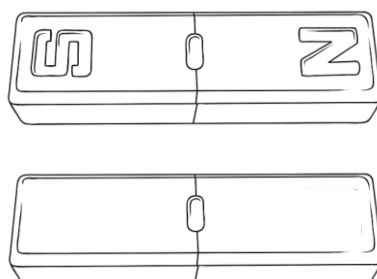
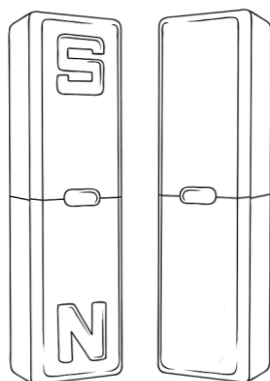




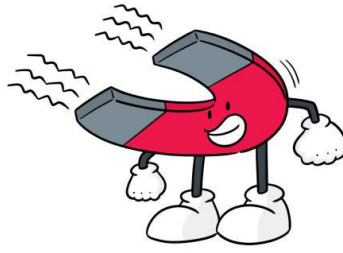




Write the poles on the second magnet
to make them attract:



Cut the word and paste it in front of the correct definition:



The force of magnets.

It is the area around a magnet that has magnetic force.

It is a rock or a piece of metal that can pull certain types of metal toward itself.

The area at each end of a magnet with the strongest magnetic field.

It is the attraction or repulsion between substances made of certain materials,

COPYRIGHT © 2021 CREATIVEYOUNGMINDS - ALL RIGHTS RESERVED.

Magnetic force	Magnets	Magnetic poles	Magnetism
Magnetic field			

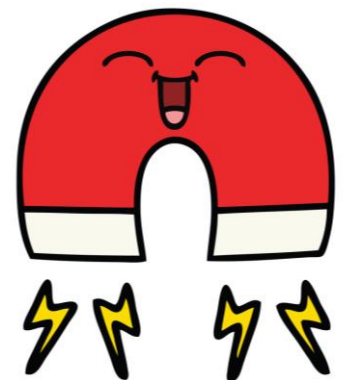
Find all the words hidden in the box below:



F A R M X A Q R K X
W Z B M A T F X Q S
H C L A D T J Z F O
F M Z G C R J T I U
S J T N M A G N E T
P O L E S C P E L H
N O R T H T U P D Y
X M W I P C B D B T
X V E S R E P E L W
E T X M Y F O R C E

The words:

MAGNET
SOUTH
MAGNETISM
POLES
ATTRACT
FORCE
NORTH
REPEL
FIELD



Complete the sentences below
with the correct word:

magnetism - iron - magnetic field - poles - steel - magnetic force

- 1) All magnets have a _____ no matter how big they are.
- 2) Magnets are usually made from _____ or _____.
- 3) _____ is a basic force of nature like electricity or gravity.
- 4) Each magnet has two magnetic _____.
- 5) _____ is the attraction or repulsion between substances made of certain materials.

