

# POOJA MODEL SCHOOL

Grade 6 - Science

## Exploring Magnets

Concept Check

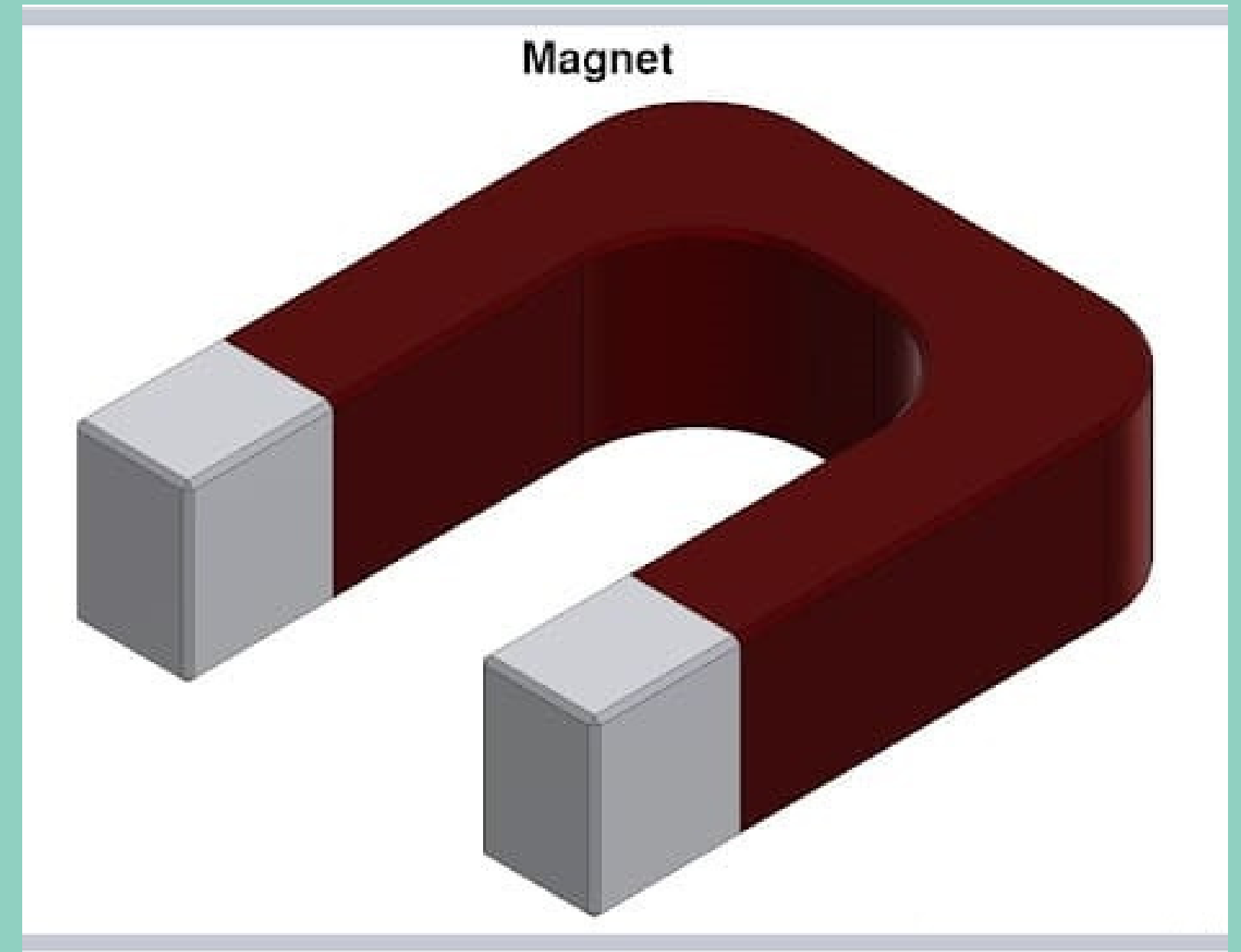


Miss. Ifra  
T.G.T Science

# Introduction

A magnet is an object that can attract materials like iron, nickel, and cobalt.

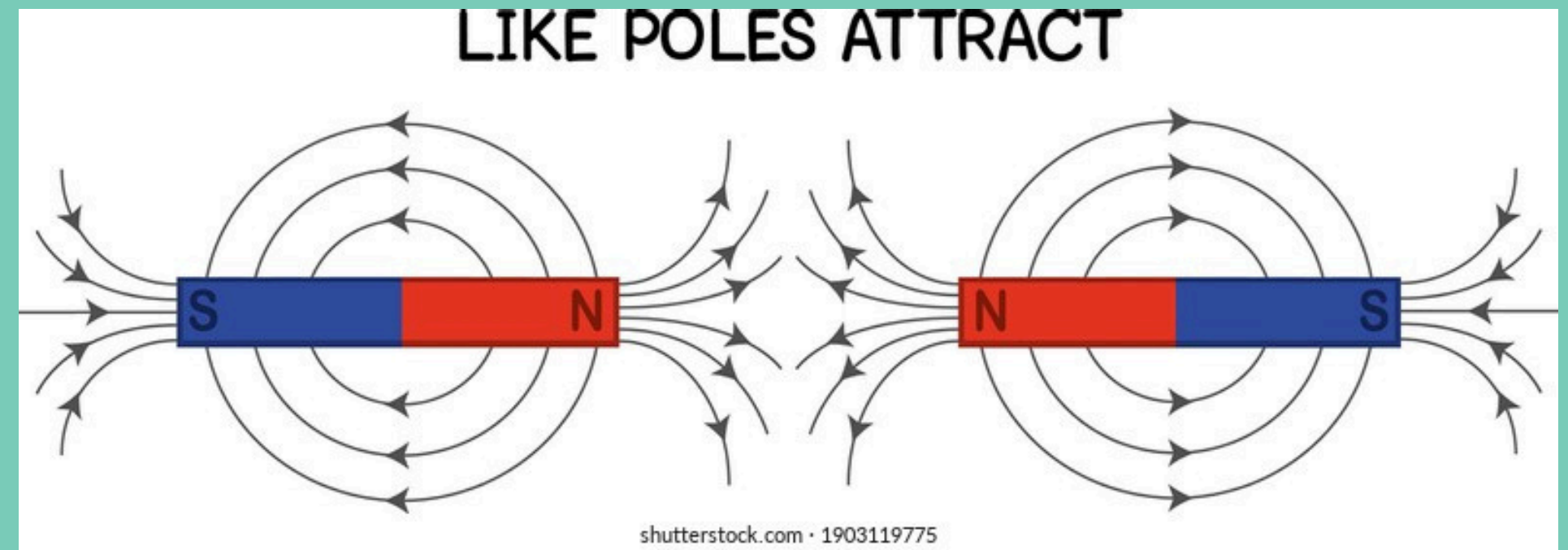
It has two poles: North Pole and South Pole, and like poles **repel** while unlike poles attract



## SHORT HISTORY

About 2,000 years ago, people in ancient Greece and China discovered a natural rock called lodestone that could attract iron.

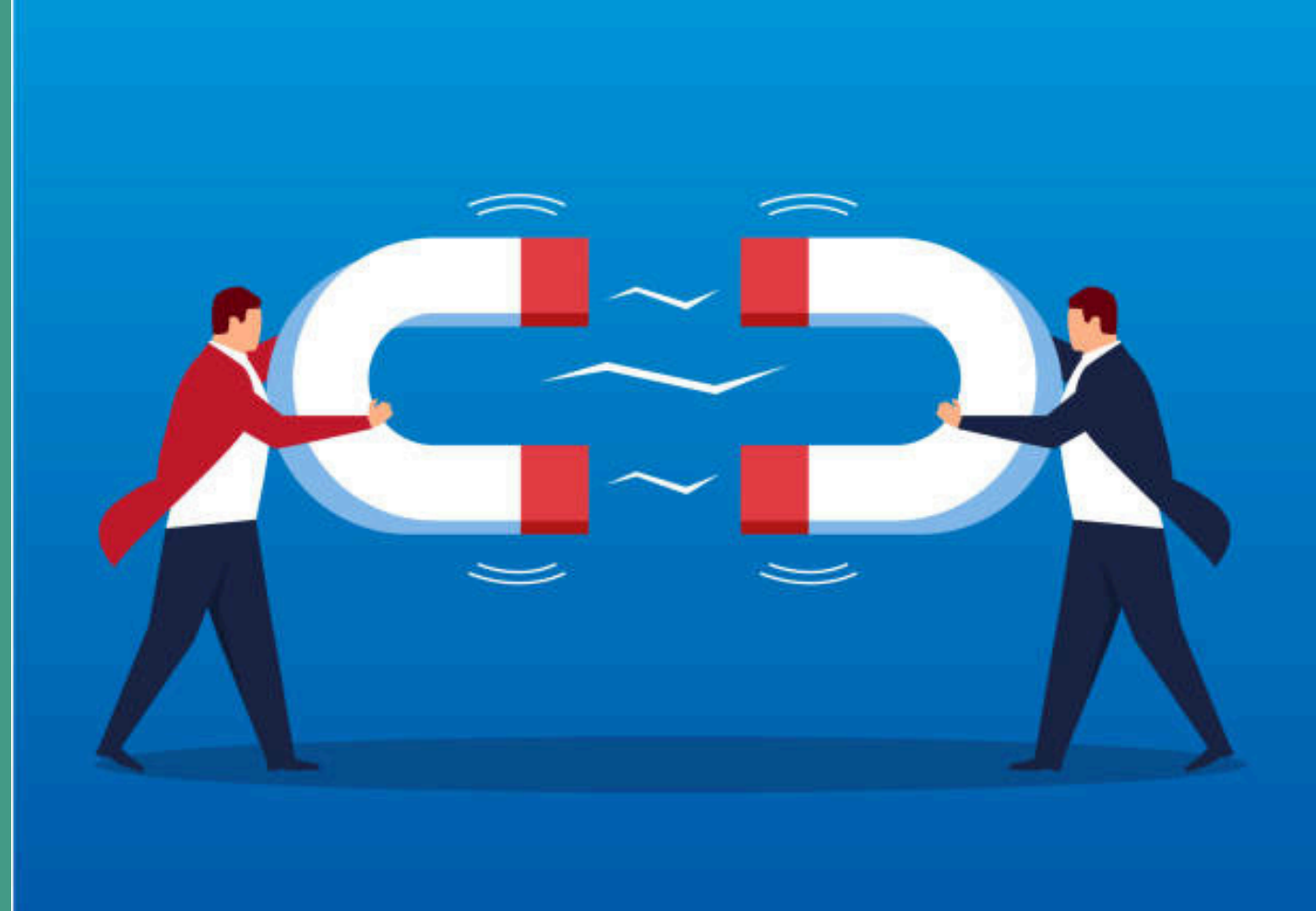
# Attraction



Attraction happens when opposite poles of two magnets, like the north pole and the south pole, come near each other. They pull towards each other strongly. Magnets also attract certain metals like iron, nickel, and cobalt because of magnetic force.

# Repulsion

Repulsion occurs when similar poles of two magnets, such as north-north or south-south, face each other. Instead of pulling together, they push away and resist touching. This force is called magnetic repulsion and helps us understand how magnets interact with each other.



# Mechanics

- This is a digital test that can be taken at your own pace.
- Read the items carefully before choosing the best answer.
- Quiz outline is based on difficulty.



# Quiz Outline

**Part 1:**

Easy

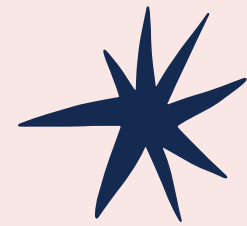
**Part 2:**

Moderate

**Part 3:**

Difficult

Part 1



Easy

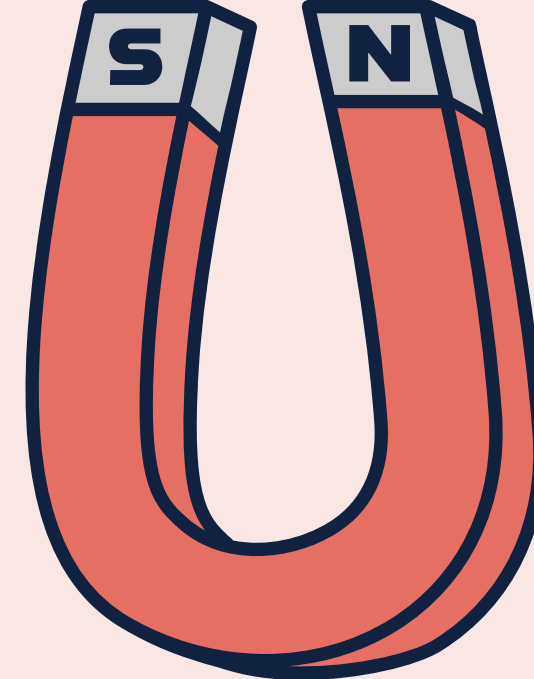
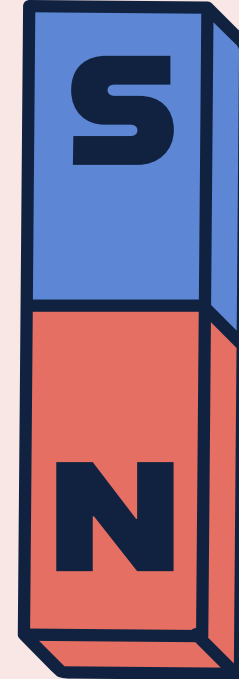
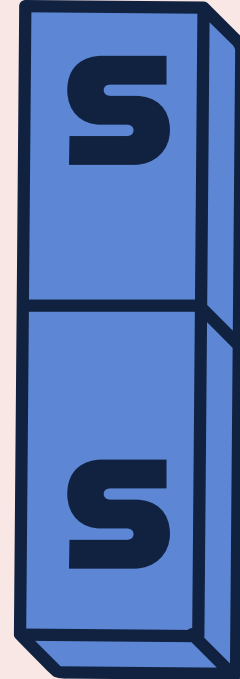
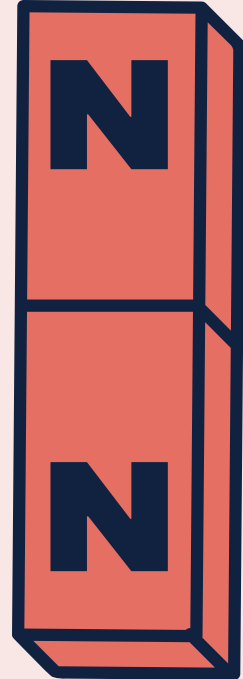
Multiple Choice



Multiple Choice: Move the sticker to the correct answer.

Question No. 1

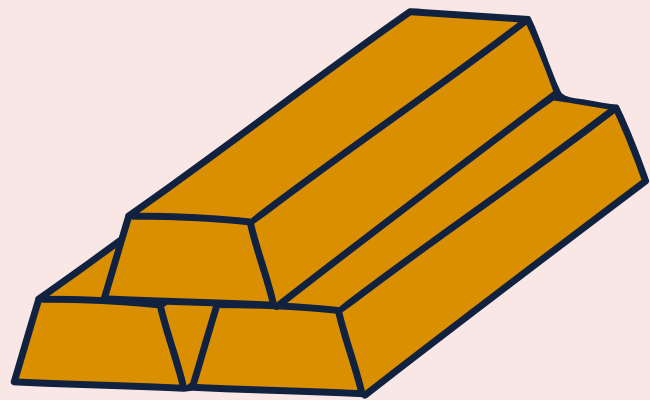
Which image correctly shows a bar magnet?



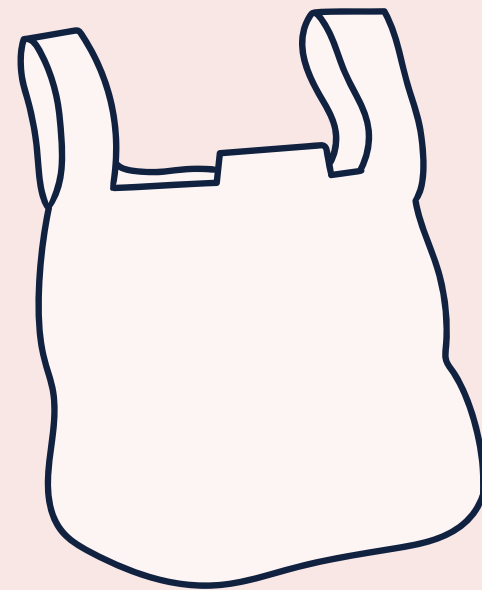
Multiple Choice: Move the sticker to the correct answer.

Question No. 2

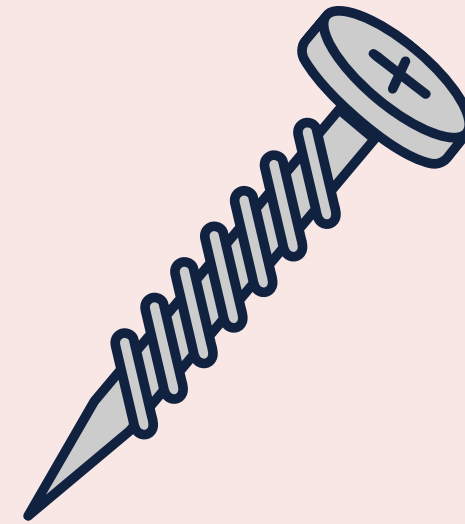
Which of the objects below does a magnet attract?



gold



plastic



iron screw



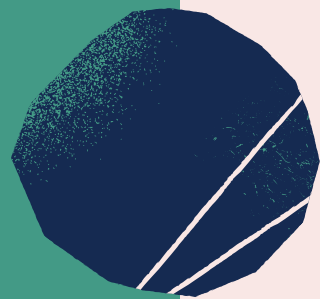
yarn

## Part 2



# Moderate

Fill in the blanks



Fill in the blanks: Move your answer on the blank.

Question No. 3

When two magnets are placed with opposite poles facing each other, they will  .



break

attract

transform

repel

Part 3



Difficult

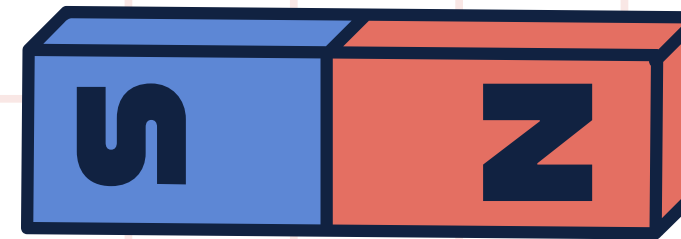
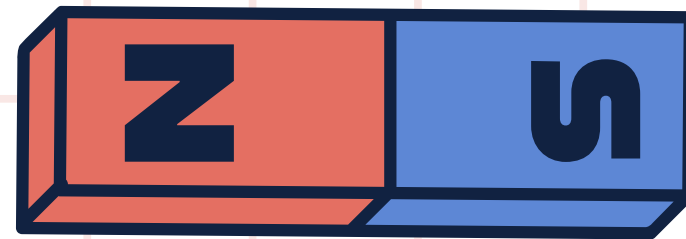
Multiple Choice



**Multiple Choice:** Move the sticker to the correct answer.

**Question No. 4**

Look at the magnets below. What do you think will happen when they are released?



They will attract and stick to each other.

They will repel and move apart.

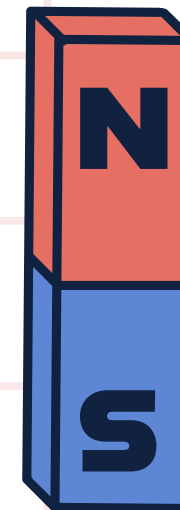
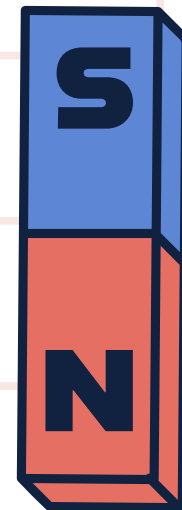
They will attract and then repel each other.

Nothing will happen.

**Multiple Choice:** Move the sticker below the correct answer.

**Question No. 5**

Look at the magnets below. What do you think will happen when they are released?




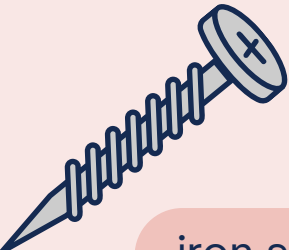
They will attract and stick to each other.

They will repel and move apart.

They will attract and then repel each other.

Nothing will happen.

# Answer Key

PART 1	
Q1	
Q2	 iron screw

PART 2	
Q3	attract
PART 3	
Q4	They will repel and move apart.
Q5	They will attract and stick to each other.

**Thankyou**

**Happy learning** 