



MAGNET INVESTIGATION



Magnets can **attract** or **repel**.

Name: _____

Grade 4/ Year 5: _____

Q1 Find out whether these magnets will attract or repel.

a.  
☐ Attract ☐ Repel

b.  
☐ Attract ☐ Repel

c.  
☐ Attract ☐ Repel

d.  
☐ Attract ☐ Repel

Q2 A compass uses magnetism. Which way does a compass always point?

☐ East

☐ West

☐ North

☐ South



Q3 Tick [✓] the metals that magnets can pick up.

☐ Gold

☐ Cobalt

☐ Iron

☐ Copper

☐ Aluminium

☐ Silver

☐ Steel

☐ Nickel

Q4 Complete the sentences using the word bank below.

repel

north

attract

south

pull

push

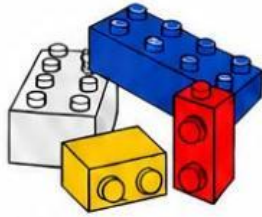
poles

Magnets have two _____. One is called the _____ pole and the other is the _____ pole. When opposite poles are near one another, they _____ together. This means the two poles _____. When two of the same poles are near one another, they _____ away from one another. This means the two poles _____ each other.

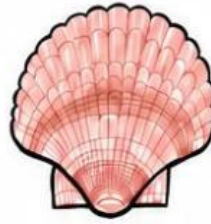
Q5 Tick (✓) the magnetic objects:



☐ Steel can



☐ Blocks



☐ Shell



☐ Cobalt ring



☐ Glass



☐ Nickel keyring

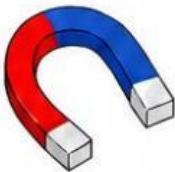


☐ Sponge



☐ Steel spanner

Q6 Name each type of magnet below:



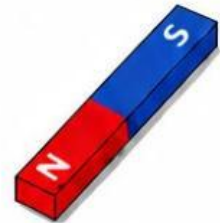
a



b



c



d

Q7 Observe the pictures A and B.

Which of the following statements is correct for the below given pictures?

A



B



- ☐ In A, cars 5 and 6 will come closer and in B, cars 7 and 8 will come closer.
- ☐ In A, cars 5 and 6 will move away from each other and in B, cars 7 and 8 will move away.
- ☐ In A, cars 5 and 6 will move away and in B, cars 7 and 8 will come closer to each other.
- ☐ In A, cars 5 and 6 will come closer and in B, cars 7 and 8 will move away from each other.