



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

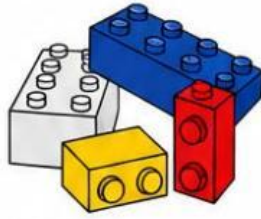
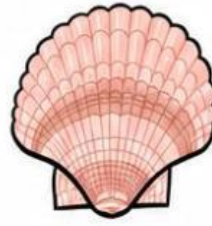
Q4 Complete the sentences using the word bank below.

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.

Q7

Tick (✓) the magnetic objects:


☐ Steel can

☐ Blocks

☐ Shell

☐ Cobalt ring

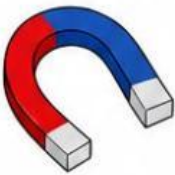
☐ Glass

☐ Nickel keyring

☐ Sponge

☐ Steel spanner
Q8

Name each type of magnet below:



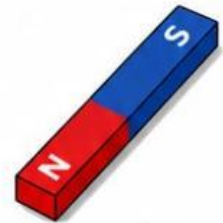
a



b



c



d

Q15

Observe the pictures A and B.

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

A**B**

- ☐ In A, cars 1 and 2 will come closer and in B, cars 3 and 4 will come closer.
☐ In A, cars 1 and 2 will move away from each other and in B, cars 3 and 4 will move away.
☐ In A, cars 1 and 2 will move away and in B, cars 3 and 4 will come closer to each other.
☐ In A, cars 1 and 2 will come closer and in B, cars 3 and 4 will move away from each other.