

## Magnetism

1. What is the definition of the term 'magnet'? [1]

- a) It is an object that attracts certain material.
- b) It is an object that has magnet fields.
- c) It is an object that has two like poles.

2. Magnet ends are called [1]

- a) Ends
- b) Poles
- c) Fields
- d) points

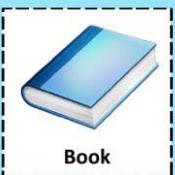
3. Which of the following is the definition of **magnetism**? [2]

- a) The force that pushes us towards the earth.
- b) The force that allows us to move.
- c) The force in which magnets are used.
- d) The force where magnets live.

4. Look at the objects below. Select two that would be attracted by a magnet. [2]



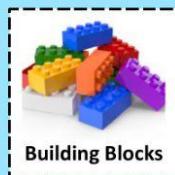
Paper Clip



Book

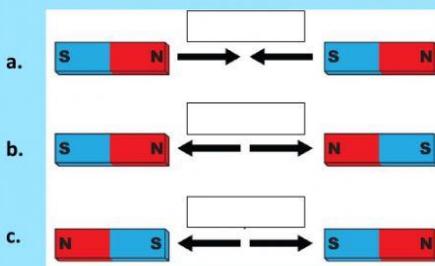


Spoon

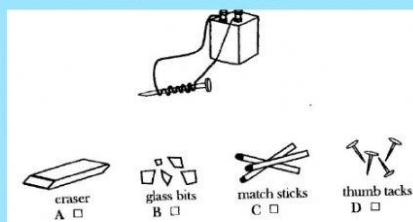


Building Blocks

5. The following images show magnets that would attract and repel. Type **attract** or **repel** in the boxes to show what each pair of magnets are doing. [3]



7. Which objects will the electromagnet attract? [1]



eraser  
A

glass bits  
B

match sticks  
C

thumb tacks  
D

9. Which of the following options correctly explains what a magnetic field is? [1]

10. How are electromagnets different from other magnets? [1]

11. Select two ways in which electromagnets are used. [2]

- a) To make motors run in small appliances.
- b) To make money.
- c) To turn on a power switch.
- d) To turn the tap on.

12. Type true or false after reading the statements below. [4]

- a) Magnets are always shaped like a horseshoe. \_\_\_\_\_
- b) A permanent magnet loses its magnetism once magnetized. \_\_\_\_\_
- c) An electromagnet can be extremely strong even without electricity. \_\_\_\_\_
- d) Paperclips and soft iron items can be temporary magnets. \_\_\_\_\_