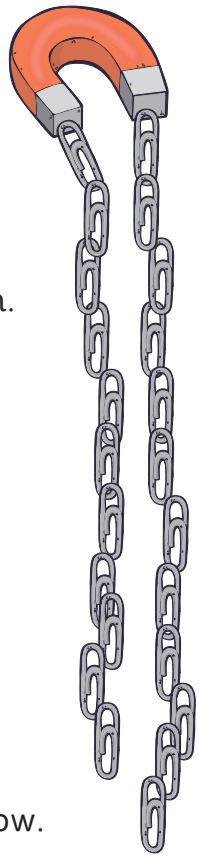
# All About Magnets



1. Fill in the gaps in the sentences below using the words from the box.

| attraction | repulsion | pull | away | forces |
|---|---|---|---|---|

Magnets can ..... objects and other magnets towards them.

They can also push other magnets ..... from them.

These pushes and pulls are types of ..... .

The push is known as .....,

and the pull is known as ..... .

2. Some materials are called magnetic materials.
Other materials are called non-magnetic materials.
What do these words mean? Write your own definitions in the boxes below.

| Magnetic materials are... | Non-magnetic materials are... |
|---|---|
| ..... | ..... |
| ..... | ..... |
| ..... | ..... |

3. Here are two ways you can move a magnet:


| 1) You can push it with your hand. | 2) You can repel it using another magnet. |
|---|---|

Both of these methods use a force to move the magnet.
Give one difference between the forces used in each method.

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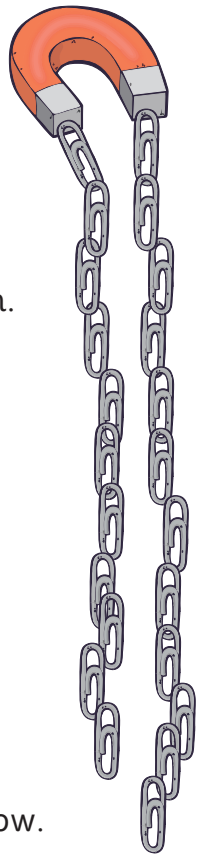
## Answers

1. Fill in the gaps in the sentences below using the words from the box.

| attraction | repulsion | pull | away | forces |
|---|---|---|---|---|



Magnets can ..pull.. objects and other magnets towards them.

They can also push other magnets ..away.. from them.

These pushes and pulls are types of ..forces.. .

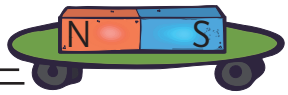
The push is known as ..repulsion..,

and the pull is known as ..attraction.. .

2. Some materials are called magnetic materials.
Other materials are called non-magnetic materials.
What do these words mean? Write your own definitions in the boxes below.

| Magnetic materials are... | Non-magnetic materials are... |
|---|---|
| E.g. things that feel a pull force from magnets. | E.g. things that don't feel a pull force from magnets. |

3. Here are two ways you can move a magnet:




| 1) You can push it with your hand. | 2) You can repel it using another magnet. |
|---|---|

Both of these methods use a force to move the magnet.
Give one difference between the forces used in each method.

E.g. you have to touch the magnet to push it with your hand, but a magnet doesn't need to touch another magnet to repel it.