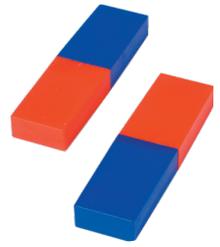


Science - Test Your Skills

Year 3 Forces and Magnets

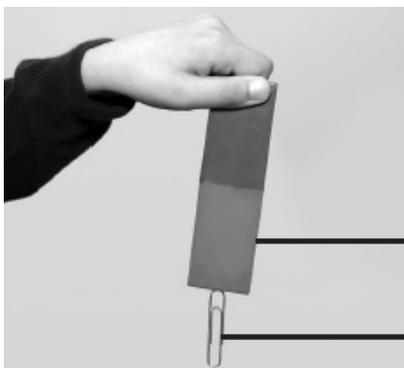


1. Match the definitions to the key vocabulary below:

Gravity	A push or a pull
Friction	A force that pulls objects down to the centre of the Earth.
Force	A push or pull that occurs between two objects that are not touching.
Non-contact force	A force that acts between two touching surfaces.

2 marks

2. Ali has four different magnets and some paperclips. The paperclips are attracted to the magnets.



Draw **one arrow** on the photograph to show the direction of the magnet's force on the paperclip.

1 mark

3. Name the force on the paperclip that pulls in the **opposite** direction to the magnet.

1 mark

.....

4. Complete the sentence below:

The place at the end of a magnet where the magnetic force is sent out is called

the.....

1 mark

5. Complete the table by putting **one tick to show if the object is magnetic or not.** One has been done for you.

	is magnetic	is not magnetic
wooden pencil		√
steel safety pin		
plastic bead		
cardboard box		
copper wire		

1 mark

6. Ali tries different ways of putting the magnets together.

Tick **one** box on each row of the table to show if the magnets move together, move apart or do not move. The first one has been done for you.

Magnets	Move together	Move apart	Do not move
	√		
			
			
			

1 mark

7. Fill the blanks using the words below:

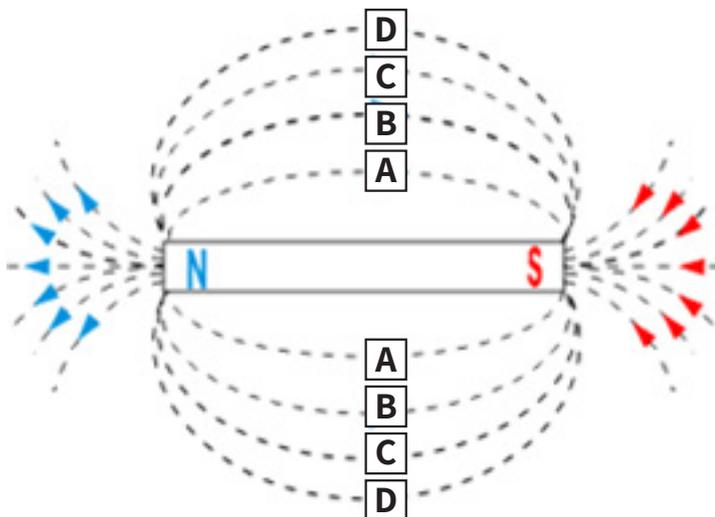
stronger weaker closer to further from

The magnetic force of an magnet is when an object is a magnet.

The magnetic force of an magnet is when an object is a magnet.

1 mark

8. Which letter shows the strongest area of magnetism in the magnetic field shown below?



1 mark

9. Name one everyday machine that uses a magnet:

1 mark

/10

Total