Pupil's book pages 129-130

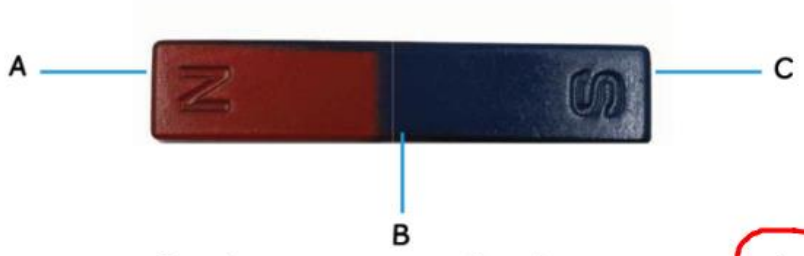
Practice Worksheet

1. Tick (✓) the correct box beside each sentence.

	True	False
Magnets can repel other magnets.	✓	
Magnetic materials can attract other magnetic materials.		✓
A magnet and a steel rod cannot repel each other.	✓	
Magnetic forces act only between magnets.		✓
Magnets do not need to touch an object to attract it.	✓	
All bar magnets have the same magnetic strength.		✓
A magnet with a greater magnetic strength will attract more iron nails.	✓	

2. Look at the bar magnet.

Where is the magnetic force of the magnet the strongest? Circle the correct answer.



A only | B only | C only | A and C only

/

3. Aliyah has three star-shaped magnets as shown below. She wants to investigate if magnetic strength depends on the size of a magnet. She is testing how many paper clips each of the magnets can attract.

Identify the independent and dependent variables in her investigation.

(a) Independent variable: The size of magnet

(b) Dependent variable: The number of paper clips it picks up

(c) Name **two** variables she needs to keep the same to make this a fair test.

The material used to make the paper clips,
the shape and size of the paper clips.