

Magnets

Possible marks
3

1 Which parts of a magnet are called poles?
Ring the right answer.

the sides

the ends

the edges

Q1

1 mark

2 Tick the magnets that will move towards each other.

	N		S	
north to south <input style="width: 30px; height: 30px;" type="checkbox"/>				

	N		N	
north to north <input style="width: 30px; height: 30px;" type="checkbox"/>				

S		S	
south to south <input style="width: 30px; height: 30px;" type="checkbox"/>			

S		N	
south to north <input style="width: 30px; height: 30px;" type="checkbox"/>			

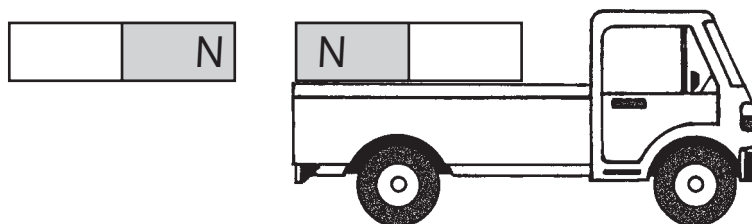
Q2

1 mark

3 John put a bar magnet on his toy lorry.
He then held another bar magnet at the back of the lorry.



Draw an arrow above the toy lorry to show which way it moves when the magnet is put behind it.



Q3

1 mark

Total

Name: _____

Magnets

Possible marks
3

1

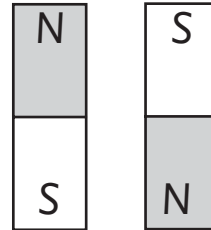
Underline the two things that can happen when the ends of two bar magnets are put together.

They can push each other away.

They can change colour.

They can get warmer.

They can come together.



Q1

1 mark

2

Lisa puts four magnets on a table in the way shown below.

What do you think will happen?
Write either attract or repel in the box next to each drawing.



Q2

1 mark

3

Magnets have a hidden force. Where is the force strongest? Tick one box.



at the centre

at the edges

at the poles

at the sides

Q3

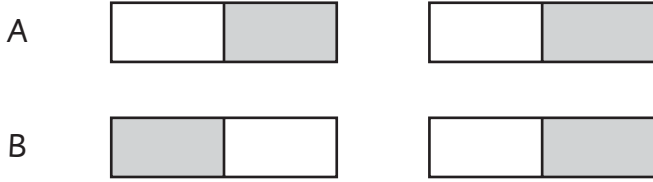
1 mark

Total

Magnets

Possible marks
4

1 a) Label the poles for each pair of magnets. Write N for north or S for south.



b) Are the magnets in drawing A attracting or repelling each other?

c) Are the magnets in drawing B attracting or repelling each other?

Q1

1 mark

2 Complete this sentence by choosing words from the box.

The _____ of a magnet is strongest at the _____.

poles	colour	sides	force	length
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Q2

1 mark

3 Ed puts a steel paper clip between two magnets.



Draw two arrows from the paper clip to show the pull from the magnets.

Q3

1 mark

4 Write true or false after reading the sentence below.

Magnets have invisible forces all around them. _____

Q4

1 mark

Total