

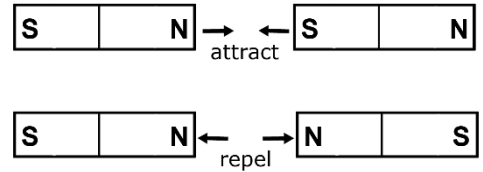
# Magnetism

Use the words below to complete the passage about magnetism.

attract	opposite	computers	gold	south	non-contact
metals	north	field	repel	magnetic	Earth's

Magnets produce an invisible area of magnetic force. This area is called a magnetic \_\_\_\_\_. Magnetic objects placed within this magnetic field will be pulled towards the magnet. Objects made from metals such as iron, nickel and cobalt are \_\_\_\_\_. Not all \_\_\_\_\_, however, are magnetic. Objects made from metals such as aluminium, silver or \_\_\_\_\_ would not be attracted to the magnet. Materials such as plastic, wood and glass are not magnetic.

Magnets have a magnetic \_\_\_\_\_ pole and a magnetic \_\_\_\_\_ pole. When the same pole from two magnets are placed near one another, they will \_\_\_\_\_. When \_\_\_\_\_ poles are placed near one another, they will attract. Magnetism is a \_\_\_\_\_ force.

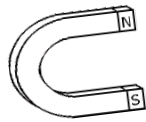


A compass uses the Earth's magnetic field to work. The north pole of the magnet in a compass, points towards the \_\_\_\_\_ magnetic north pole. Magnets have many other uses, including televisions, \_\_\_\_\_, fridges and telephones.



H	T	C	A	R	T	T	A	Q	H	Z	R
H	L	F	N	K	V	Q	T	X	T	T	U
Y	F	C	I	X	Z	W	C	C	R	I	N
M	X	I	B	E	X	O	A	N	O	M	O
U	P	T	T	I	L	J	T	A	N	A	Z
N	H	E	E	X	M	D	N	R	F	G	R
I	C	N	T	X	X	M	O	S	Y	N	A
C	Z	G	C	V	H	A	C	B	R	E	Z
K	L	A	T	T	V	W	N	S	E	T	N
E	D	M	U	L	Q	U	O	H	P	S	G
L	M	O	T	A	H	Q	N	V	E	X	P
J	S	I	N	V	I	S	I	B	L	E	F

magnets	north	south	attract	repel
field	magnetic	nickel	invisible	non-contact



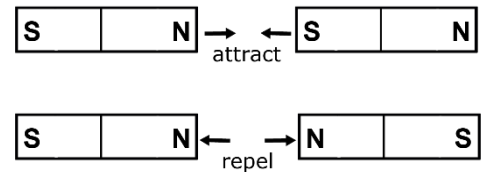
# Magnetism **Answers**

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metals	north	field	repel	magnetic	Earth's

Magnets produce an invisible area of magnetic force. This area is called a magnetic **field**. Magnetic objects placed within this magnetic field will be pulled towards the magnet. Objects made from metals such as iron, nickel and cobalt are **magnetic**. Not all **metals**, however, are magnetic. Objects made from metals such as aluminium, silver or **gold** would not be attracted to the magnet. Materials such as plastic, wood and glass are not magnetic.

Magnets have a magnetic **north** pole and a magnetic **south** pole. When the same pole from two magnets are placed near one another, they will **repel**. When **opposite** poles are placed near one another, they will attract. Magnetism is a **non-contact** force.



A compass uses the Earth's magnetic field to work. The north pole of the magnet in a compass points towards the **Earth's** magnetic north pole. Magnets have many other uses, include televisions, **computers**, fridges and telephones.



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