

Match IT

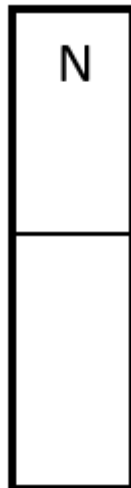
Draw lines to match up the key words with the definitions.

Permanent magnet	Simple lines drawn to show the field around a magnet
Induced magnet	Solenoid with an iron core
Solenoid	Material becomes magnetic when placed in a magnetic field
Magnetic field lines	When the magnetic field lines are the same distance apart from each other
Magnetic field	Coil of wire that acts as a magnet when an electrical current passes through it
Electromagnet	Produces its own magnetic field
Electrical current	Part of magnet where magnetic forces are strongest
Pole	Flow of electric charge
Uniform field	Region around the magnet where a force acts on another magnet or a magnetic material

Label IT

Complete the diagram to show the magnetic field around this bar magnet.

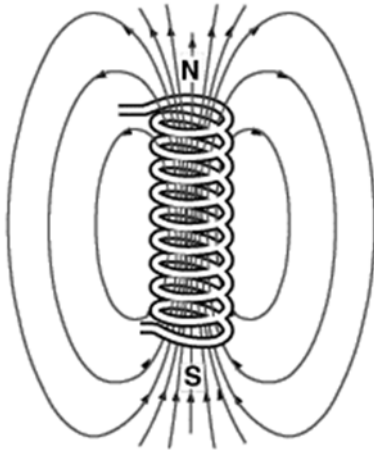
Label the diagram.



Match IT and Label IT

Match the key word to the definition.










Use the key words to label the diagrams.



Pole
Magnetic field
Magnetic field lines
Solenoid
Electromagnet

Simple lines drawn to show the field around a magnet
Solenoid with an iron core
Part of magnet where magnetic forces are strongest
Region around the magnet where a force acts on another magnet or a magnetic material
Coil of wire that acts as a magnet when an electrical current passes through it

Dominoes

When the magnetic field lines are the same distance apart from each other	Induced magnet 
Material becomes magnetic when placed in a magnetic field	Electrical current 
Flow of electric charge	Permanent magnet 
Produces its own magnetic field	Transformer 
Simple lines drawn to show the field around a magnet	Solenoid 
Coil of wire that acts as a magnet when an electrical current passes through it	Electromagnet 
Solenoid with an iron core	Magnetic field lines 
Transfers current from one circuit to another.	Pole 
Part of magnet where magnetic forces are strongest	Magnetic field 
Region around the magnet where a force acts on another magnet or a magnetic material	Uniform field 