

Unscramble the names of these famous scientists and match the scientists to their discoveries:



s e o r t e d



e p a r m e



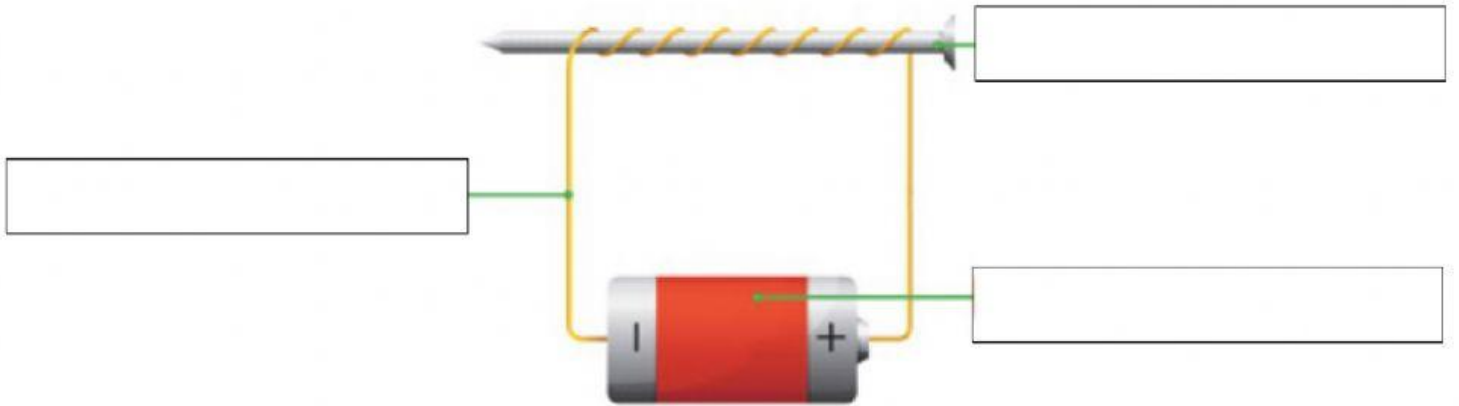
a r a d f a y

- _____ discovered that a moving magnet produces an electric field.
- _____ discovered the electron, although he called it a different name.
- _____ invented the first electric motor.
- _____ discovered that an electric current produces a magnetic field.
- _____ couldn't explain his discovery.

Label the parts of the electromagnet:



wire iron nail battery



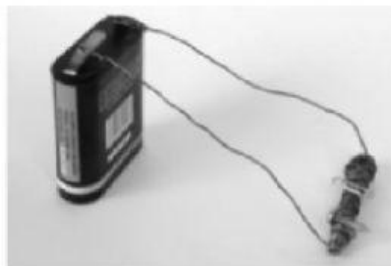
What happens when these electric circuits are switched on? Write sentences:



a



b



a) When we switch on the circuit, the _____ will
_____.

b) When we switch on the circuit, the _____ will
_____.

How are electricity and magnetism used? Complete the descriptions.



This is a _____.

It uses *electricity* /
magnetism / *both electricity*
and magnetism to

_____.



This is a _____.

It uses *electricity* /
magnetism / *both electricity*
and magnetism to

_____.



This is a _____.

It uses *electricity* /
magnetism / *both electricity*
and magnetism to

_____.