

ELECTRICITY AND MAGNETISM _ TEST 19

1. True or false. Escribe **T** si es verdadero o **F** si es falso.

An electric current produces a magnetic field. _____

Faraday proved that moving a magnetic field produces electricity. _____

The electric current flowing through a magnet creates a magnetic field. _____

To make an electromagnet we need a rod of iron inside a coil and an electric circuit. _____

An electromagnet loses its magnetism when the electric current flows. _____

Thanks to a coil the force of attraction is greater because the electric current passes close to the same place several times. _____

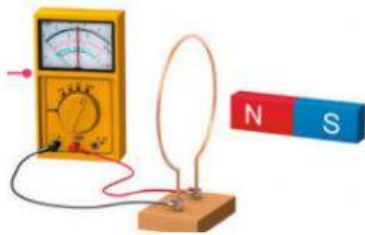
If we put an iron rod inside a coil, the attraction decreases and it becomes very weak. _____

Oester connected a coil of copper wire to a device that measured electricity. _____

Moving a magnetic field produces electricity. _____

Electromagnetic generators produce electricity because they use magnets. _____

2. Complete



Well done!

