Посмотрите видео сюжет по ссылке и выполните задания по аудированию.

## Magnetic Field of a Wire

Ссылка на видео: https://www.youtube.com/watch?v=nfSJ62mzKyY

**Задание 1. Выберите верный ответ:**

1) Coulomb's Law (закон Кулона) applies to both magnetic fields and magnetic forces and electric fields.
2) As the current moves through the wire, it actually deflects a compass.
3) The magnitude of the magnetic field is based on two things: the amount of charge and the radius or the distance from the wire.
4) The magnetic permeability is the ability of a material to support a magnetic field.
5) If you have two wires and the current is moving in the same direction there is going to be a force pulling those wires together.

**Задание 2. Заполните пропуски нужным словом (1 слово с маленькой буквы):**

1) Scientists for years knew there was some link between _____and electricity. But they could not find it.
2) Magnetic fields are created and can be measured using a_____.
3) The greater the radius is, the _____that magnetic field is going to be.
4) The direction is going to be determined by the right hand rule and your thumb is going to show where the _____ is moving.
5) If we increase the current, it is going to _____the magnetic field.
6) If you have two wires and the current is moving in the opposite direction then those wires are going to be moving apart, because we are going to get forces that are moving away from that _____.

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