

Magnetism and Its Uses

magnetism
electromagnet
electromagnetic induction

magnetic poles
repel

magnetic domains
commutator
electric motor

turbine
generator

- _____ The regions on a magnet where the magnetic force is strongest are called _____.
- _____ The south pole of a magnet will _____ the south pole of another magnet.
- _____ A switch that regularly reverses the current in some motors is a(n) _____.
- _____ A large wheel that rotates when pushed by water, wind, or steam.
- _____ The properties and interactions of magnets are referred to as _____.
- _____ Groups of aligned atoms in a magnet are called _____.
- _____ A(n) _____ is formed by placing a piece of iron inside a current-carrying coil of wire
- _____ A machine that changes electrical energy to mechanical energy is a(n) _____ used to do work, such as turning a fan.
- _____ A device that produces an electric current by rotating a coil of wire in a magnetic field is a(n) _____.
- _____ The process by which moving a wire through a magnetic field produces an electric current is _____.