

# Magnetism and Its Uses

magnetism

magnetic poles

magnetic domains

turbine

electromagnet

repel

commutator

generator

electromagnetic induction

electric motor

- \_\_\_\_\_ 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 \_\_\_\_\_.