

Magnetism Notes

_____ – A device that attracts certain materials, such as iron, nickel, and cobalt.

- All magnets have two _____, or ends.

Magnetic force – the _____ or _____ force between the poles of magnets.

- North pole will attract the _____ pole of another magnet.
- Opposite pole attract; like poles _____.

_____ – will hold its magnetic properties over a long period of time. Usually made of iron alloys, nickel, or cobalt.

_____ – an object that has been magnetized by contact with a magnet (rubbing) will lose its magnetism quickly.

- Dropping or heating a magnet can cause it to lose its magnetism.

Magnetic field – the _____ around a magnet where there is magnetic force.

Lines of force (or flux) – the lines around the poles of a _____ magnet that indicate the direction of the magnetic field.

_____ – region where all the atoms point in the same direction.