

Magnetism is a force

Grade 3 Science Worksheet

force

attract

repel

touching

field

north

south

poles

Magnetism is an invisible _____.

A magnet does not have to be _____ something to exert force on it.

Magnetic force is strongest at the _____ of a magnet.

The area around a magnet where it has force is called a magnetic _____.

Opposite poles _____ or pull toward each other.

So, a north pole will be attracted to a _____ pole.

Poles that are the same _____ or push away from each other. So, a north pole will repel a _____ pole.



What would happen if you put the south poles of two magnets near each other? _____

You can't see magnetic force, so how do you know it exists?

Answers

force	attract	repel	touching
field	north	south	poles

Magnetism is an invisible force.

A magnet does not have to be touching something to exert force on it.

Magnetic force is strongest at the poles of a magnet.

The area around a magnet where it has force is called a magnetic field.

Opposite poles attract or pull toward each other.

So, a north pole will be attracted to a south pole.

Poles that are the same repel or push away from each other. So, a north pole will repel a north pole.