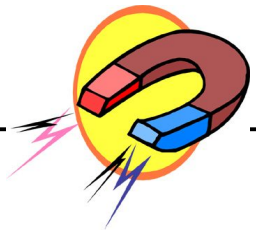
Name: _____

Magnetism Questions



1. List six things in your home or classroom that are made of metal that are not magnetic.

_____ _____ _____

_____ _____ _____

2. Describe some things in nature that are magnetic.

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3. When a magnetic compass points north, is it pointing to the true North Pole of the Earth? Explain.

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4. Describe how you would build an electromagnet.

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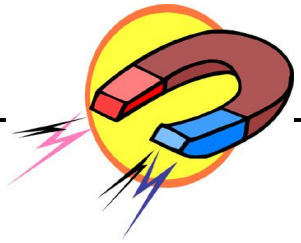
ANSWER KEY

Magnetism Questions



1. List six things in your home or classroom that are made of metal that are not magnetic.

Answers will vary. Sample answers listed.

penny **aluminum can** **aluminum foil**

copper pipe **brass doorknob** **silver bracelet**

2. Describe some things in nature that are magnetic.

The Earth is magnetic because it has a North Pole and a South Pole.

Also, lodestones are magnetic stones.

Iron and nickel are metals in the Earth that are magnetic.

3. When a magnetic compass points north, is it pointing to the true North Pole of the Earth? Explain.

No, it's pointing to the magnetic North Pole. The geographic North Pole and the magnetic North Pole are in different places.

4. Describe how you would build an electromagnet.

Wrap copper wire around an iron nail. Connect the copper wire to the positive and negative ends of a battery. The nail wrapped with wire will become a magnet because of the electricity flowing through it.