Magnets and Engineering Design

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A magnet is held near a steel paper clip. What happens?
   nothing happens to the clip
   the clip is pulled to the magnet
   the clip is pushed away

2. Which object will a magnet pick up?
   a plastic button an iron nail a wooden spoon

3. Two magnets have their north poles facing each other. What happens?
   they stick at the middle they pull together they push apart

4. A north pole faces a south pole. What happens?
   they spin around they push apart they pull together

5. Can a magnet pull a paper clip through a sheet of paper?
   no, paper stops all magnets
   no, magnets must touch to work
   yes, magnets can pull without touching

6. Where can a magnet hold up a note?
   on a steel fridge door on a glass window on a wooden door

7. A balloon is rubbed on hair, and then it sticks to a wall. What causes this?
   magnetism static electricity gravity

8. Which object is not pulled by a magnet?
   an aluminum can an iron nail a steel can

9. What happens to a magnet's pull as you move it farther from a paper clip?
   it gets weaker it gets stronger it stays the same

10. A cabinet door has a magnet latch. What does the magnet do?
    makes the door open by itself
    makes the door lighter
    keeps the door closed

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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   - **static electricity**
   - gravity

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