Magnets and Engineering Design

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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

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

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

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

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

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

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

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

9. Where is a bar magnet's pull strongest?
   the same everywhere in the middle at its ends

10. A copper penny is held near a magnet. What happens?
    it is pushed away it is pulled to the magnet it is not pulled

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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