Magnets and Engineering Design

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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

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

3. 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

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

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

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

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

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

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

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

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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