Magnets and Engineering Design

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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

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

3. 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

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

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

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

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

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

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

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

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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