Magnets and Engineering Design

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

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

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

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

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

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

6. 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

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

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

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

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

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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