Magnets and Engineering Design

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. 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

2. 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

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

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

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

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

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

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

9. 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

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

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Magnets and Engineering Design

Answer Key - Grade 3 Science Worksheet - Building Confidence

Circle the answer.

1. 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

2. 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

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

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

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

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

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

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

9. 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

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