



Electricity and Magnetism

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. What happens when the north pole of one magnet meets the north pole of another?

- A) They attract each other strongly
- B) They repel each other
- C) They stick together forever
- D) They lose all their magnetism

2. Which pair of poles will attract each other?

- A) North and north
- B) South and south
- C) North and south
- D) East and west

3. A magnet can often pull a paper clip that is behind a thin piece of paper. Why?

- A) The paper is a magnet too
- B) Magnetism can work through some thin materials
- C) The paper clip is jumping on its own
- D) The magnet is touching the paper clip directly

4. Which of these is NOT a non-contact force in Grade 3 science?

- A) Magnetism
- B) Gravity
- C) Electric force
- D) A push from your hand

Part B: Fill in the Blank

Write the correct answer on each line.

1. Two north poles near each other will _____ each other away.
2. A north pole and a south pole will _____ each other.
3. Magnetism is called a _____-contact force because magnets can work without touching.
4. Gravity is another _____-contact force that pulls things down to Earth.
5. When you push a toy car with your hand, that is a _____ force.

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