

**1. Bar magnets have two poles.
What are they?**

- A North and South
- B Red and Blue
- C East and West
- D Red and White

2. What is the strongest permanent magnet made?

- A Alnico
- B Ferrite
- C Neodymium
- D Samarium-Cobalt

3. What is a magnetic field?

- A A farm field full of animal magnets.
- B An invisible force surrounding the area around the magnet.
- C Two magnets placed next to each other.
- D An invisible magnet.

4. What happens when you push two north poles together?

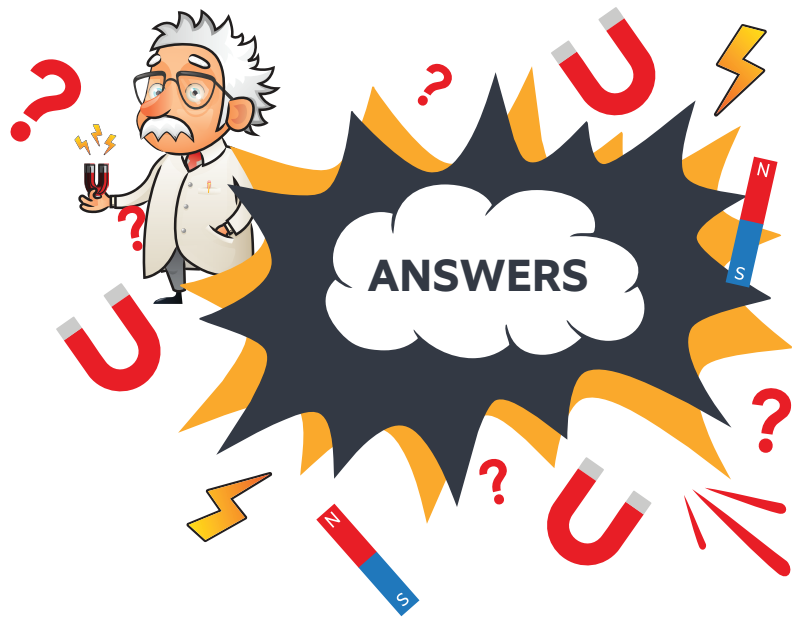
- A They break
- B They attract
- C They repel
- D They float

5. What is an Electromagnet?

- A Magnets that are found in space.
- B A magnet that runs without electricity.
- C A magnet that lights up like a light bulb.
- D A magnet that runs on electricity.

6. What would you detect by using a compass, iron filings and iron objects?

- A Oxygen
- B Electricity
- C Directions
- D Magnetic field



7. What does repel mean?

- A Magnets that aren't magnetic.
- B Magnets that pull together.
- C Magnets that move away from each other.
- D Magnets that are U shaped.

8. Magnetism is a type of what?

- A Electricity
- B Force
- C Element
- D Matter

9. Which one of the below materials will attract to a magnet?

- A Water
- B Wood
- C Copper
- D Iron

10. What is the element for neodymium?

- A Nd
- B Nx
- C Mg
- D NYC