

Name _____

Discovering Magnet Magic: Finding the North and South Poles

Multiple Choice Questions

1. How does a compass help identify the poles of a magnet?
 - a) It generates a magnetic field.
 - b) It points towards the Earth's magnetic north pole.
 - c) It measures the strength of the magnet.
 - d) It repels the magnet.

2. What happens when you bring the north pole of one magnet close to the north pole of another?
 - a) They attract each other.
 - b) They repel each other.
 - c) They align together.
 - d) They rotate freely.

3. How can iron filings help identify the poles of a magnet?
 - a) They generate a magnetic field.
 - b) They point towards the Earth's magnetic north pole.
 - c) They arrange themselves in curved lines following the magnetic field.
 - d) They become repelled by the magnet.

4. If a floating magnet aligns itself with one end pointing north, what does that end represent?
 - a) The south pole
 - b) The north pole
 - c) The magnetic equator
 - d) The magnetic field

5. What happens when you balance a magnet on a pivot point and allow it to rotate freely?
 - a) It generates a magnetic field.
 - b) It points towards the Earth's magnetic south pole.
 - c) It eventually comes to rest with one end pointing north and the other pointing south.
 - d) It repels the pivot point.

