

Name _____

Everyday Uses of Magnets

Multiple Choice Questions

1. What do magnets in audio speakers primarily help with?
 - a) Keeping speakers cool
 - b) Holding the speakers in place
 - c) Converting electrical signals into sound waves
 - d) Adjusting the color of pixels on screens

2. Which type of train uses magnets to reduce friction and achieve high-speed travel?
 - a) Steam locomotive
 - b) Maglev train
 - c) Freight train
 - d) Commuter train

3. What do refrigerator magnets commonly hold?
 - a) Art supplies
 - b) Jewelry
 - c) Important notes and shopping lists
 - d) Food items

4. How do compasses work?
 - a) By generating their own magnetic field
 - b) By aligning with Earth's magnetic field to find direction
 - c) By using GPS technology
 - d) By detecting temperature changes

5. In what medical imaging technique are strong magnets used to create detailed images of the body?
 - a) X-rays
 - b) Ultrasounds
 - c) Magnetic Resonance Imaging (MRI)
 - d) CT scans

