

Name _____

Everyday Uses of Magnets

Short Answer Key

1. MRI machines use strong magnets to create detailed images of the body's internal structures. They are essential for diagnosing medical conditions by providing precise and non-invasive imaging.
2. Magnetic locks are used to secure doors and cabinets. For example, they can be found in hotel room doors to provide secure access control.
3. Examples of toys or games that incorporate magnets include magnetic building blocks and magnetic puzzles.
4. A compass works by aligning with Earth's magnetic field, allowing users to determine the cardinal directions (north, south, east, west). It is valuable for navigation as it provides a consistent reference point regardless of location.
5. Maglev trains use magnets to reduce friction, allowing for high-speed travel with minimal energy consumption compared to traditional trains.

