



Magnet Strength

Supplies:

1 Bar magnet
1 Ring magnet
1 Disc magnet

1 horse shoe magnet
1 metal paper clip

Directions:

1. Place a paper clip in the box at the top of the scale below.
2. Place one of the magnets in the box at the bottom of the scale.
3. Make sure one of the magnet's poles is facing the paper clip (your magnet might have to be on its side).
4. Slowly slide the magnet towards the paper clip.
5. Stop sliding the magnet when the paper clip "jumps" and sticks to the magnet.
6. Record this distance in the table below.

| Type of Magnet | Distance Paper Clip Moved |
|----------------|---------------------------|
| Bar | |
| Ring | |
| Disc | |
| Horse Shoe | |