



# ELECTROMAGNETS

**A. Choose the correct word to complete the statements.**

1. All magnets have ..... opposite poles.
2. Same poles of two magnets will ..... each other.
3. Opposite poles of two magnets will ..... each other.
4. The area around a magnet is called .....
5. A magnet that is powered by electricity is called a/an .....

**B. True or False**

- ..... 6. An electromagnet is an example of a permanent magnet.
- ..... 7. You can increase the power of an electromagnet by adding more power source.
- ..... 8. Cotton and paper are magnetic.
- ..... 9. Coiling the wires more will decrease the power of electromagnets.
- ..... 10. Electromagnets can be turned on and off.