

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# 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.