

UNIT 8 Diagnostic

Name: _____

Class: _____

① Circle the magnetic materials.

- | | | | |
|-----------|-----------|---------|--------|
| a. rubber | wood | steel | paper |
| b. glass | magnetite | plastic | wool |
| c. cobalt | copper | zinc | gold |
| d. iron | cotton | brick | carbon |

② Match the definitions to the words.

a. Magnets have two of these.

b. They are also known as temporary magnets.

c. This is a magnetic navigational instrument.

d. These magnets are created using electricity.

1. induced magnets

2. compass

3. electromagnet

4. poles

③ Are the sentences true (T) or false (F)? Correct the false ones.

a. Current electricity is a type of electricity that does not flow. ☐

b. The Earth is a giant magnet. ☐

c. Electromagnets can be switched on and off. ☐

d. Electrically charged objects attract or repel each other. ☐

e. Benjamin Franklin experimented with light. ☐

④ Give 10 examples of objects that use magnets.