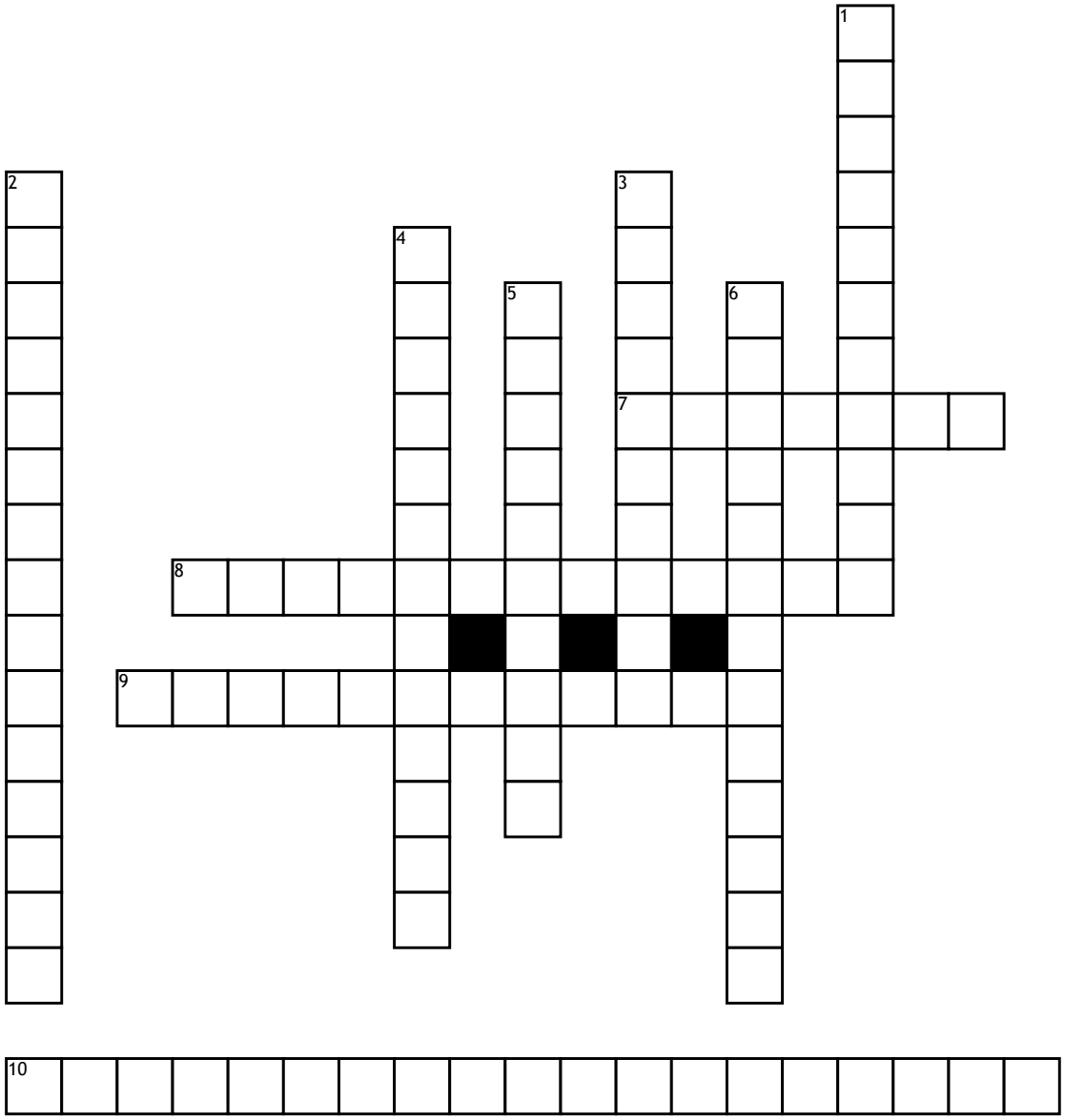
Name: _____ Date: _____

Magnets Reveiw



Across

7. A material that can create magnetic effects by itself

8. A material (like iron) with very strong magnetic properties.

9. A material where the magnetism of electrons in individual atoms does not cancel completely.

10. The difference between the direction a compass points and the direction of true north.

Down

1. A type of matter in which the magnetic fields of individual electrons cancel out, leaving each atom with zero magnetic field.

2. A type of matter in which the magnetic fields is always present.

3. The material that is easily magnetized and holds its magnetism.

4. Magnets created by electric current flowing in wires. A simple electromagnet is a coil of wire wrapped around an iron core.

5. A material that can be attracted to a magnet, but does not retain magnetic ability after being removed.

6. Each magnet has a North and South Pole. They behave similar to opposite particles in electrostatics.