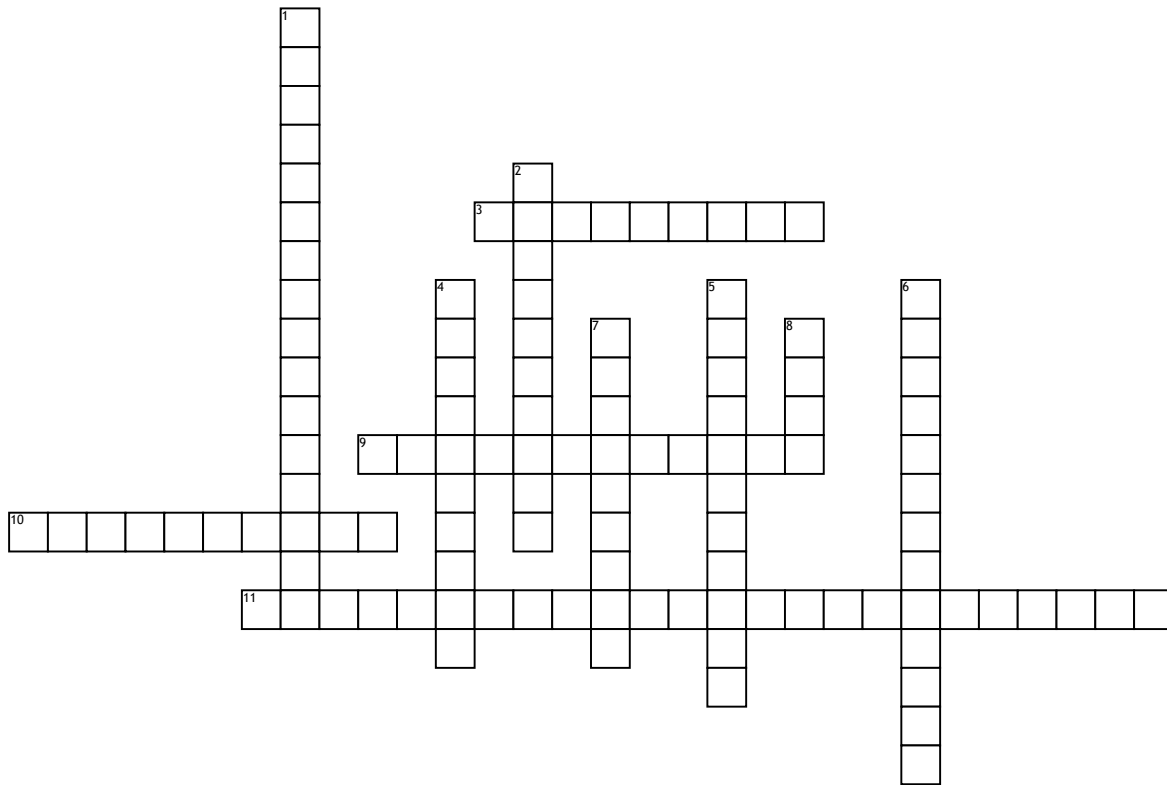


Name: _____

Date: _____

Unit 8 Crossword



Across

3. Materials in which electrons can move easily, Materials that can transfer heat easily
9. Amount of heat needed to raise the temp. of 1kg of a substance by 1C
10. Transfer of thermal energy by the movement of particles from one place to another in a gas or liquid
11. Heat engine in which fuel is burned in a combustion chamber inside the engine

Down

1. Increase in temp. of a natural body of water: caused by adding warmer water

2. Transfer of thermal energy by direct contact; occurs when energy is transferred by collisions between particles
4. Device that converts thermal energy into mechanical energy
5. A measure of the average value of the kinetic energy of particles in a material
6. The sum of the kinetic and potential energy of particles in a material
7. Transfer of energy between electromagnetic waves
8. Thermal energy transferred from a warmer object to a cooler object