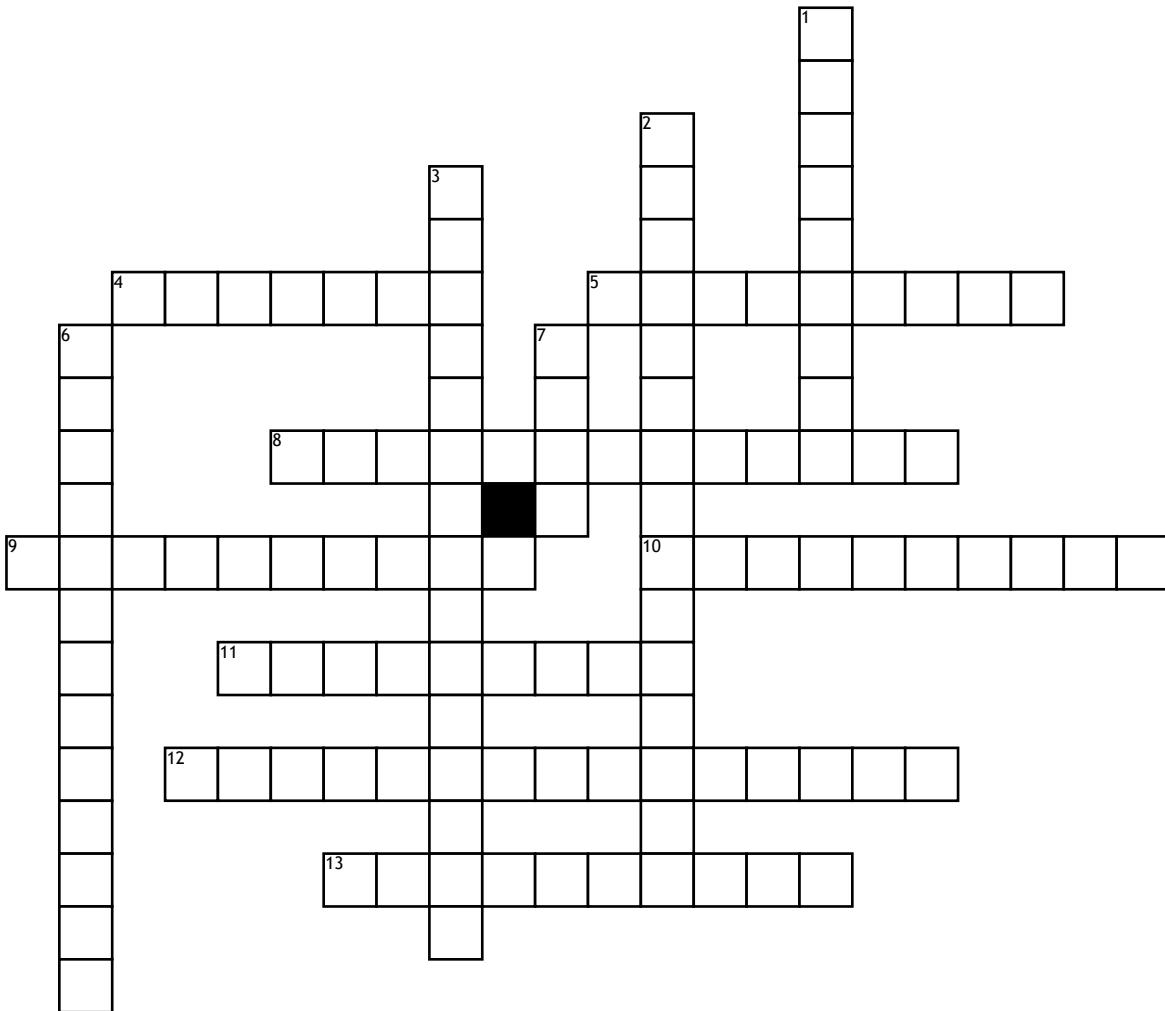


# Energy Vocabulary Unit 8



## Across

4. the amount of work to move a unit electric charge between two points; expressed in volts

## 5. The transfer of energy as electromagnetic waves

8. The total kinetic energy of the particles that make up a substance.

9. in physical science, the opposition presented to the current by a material or device

## 10. The transfer of energy due to the movement of matter

11. a material that transfers energy easily

## 12. the rate at which electric charges pass a given point

13. The transfer of energy from one object to another object through direct contact

## Down

1. a material that reduces or prevents the transfer of energy

2. a circuit in which the parts are joined in branches such that the voltage across each part is the same

3. the rate at which electric charges pass a given point

6. a circuit in which the parts are joined one after

another such that the current in each part is the same

7. The energy that is transferred between objects that are different temperatures