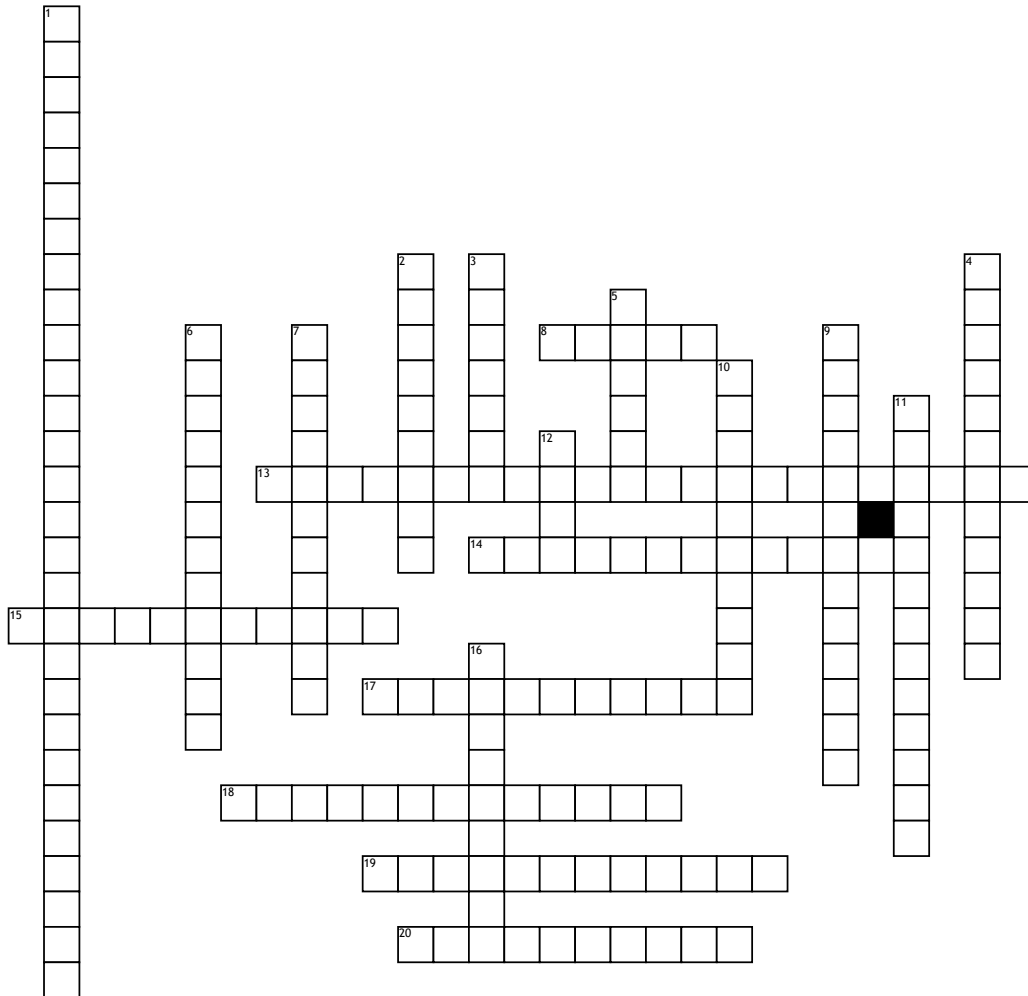


Name: _____

Date: _____

Efficiency



Across

8. Sound and light energy both travel in _____

13. A rubber band is able to store _____

14. A _____ is a useful method of depicting energy transfers

15. In a laptop the _____ is electrical energy

17. The movement of waves of particles in a gas detected by the ears

18. How is chemical energy stored in petrol?

19. In a smart phone, thermal energy is an example of _____.

20. In a Sankey diagram, what represents the amount of energy?

Down

1. Energy is stored as _____ when objects are in high places

2. Metal is an example of a good _____

3. What type of energy is also known as the energy of movement?

4. The most efficient type of windows are _____

5. This rating describes the thermal properties of building materials

6. In a lamp, light energy is an example of _____.

7. If useful energy is equal to 40J and wasted energy is equal to 20J, what is equal to 60J?

9. The energy contained in the nucleus of an atom

10. A word used to describe how well energy is transferred

11. The vibration of particles in a system, also known as heat energy

12. In which direction should you draw the wasted energy path in a Sankey Diagram?

16. Plastic is a good _____

Word Bank

Triple Glazed

U-Value

Sound Energy

Nuclear Energy

Chemical Bonds

Down

Total Energy

Efficiency

Wasted Energy

Arrow Width

Kinetic

Gravitational Potential Energy

Elastic Potential Energy

Useful Energy

Input Energy

Waves

Insulator

Sankey Diagram

Thermal Energy

Conductor