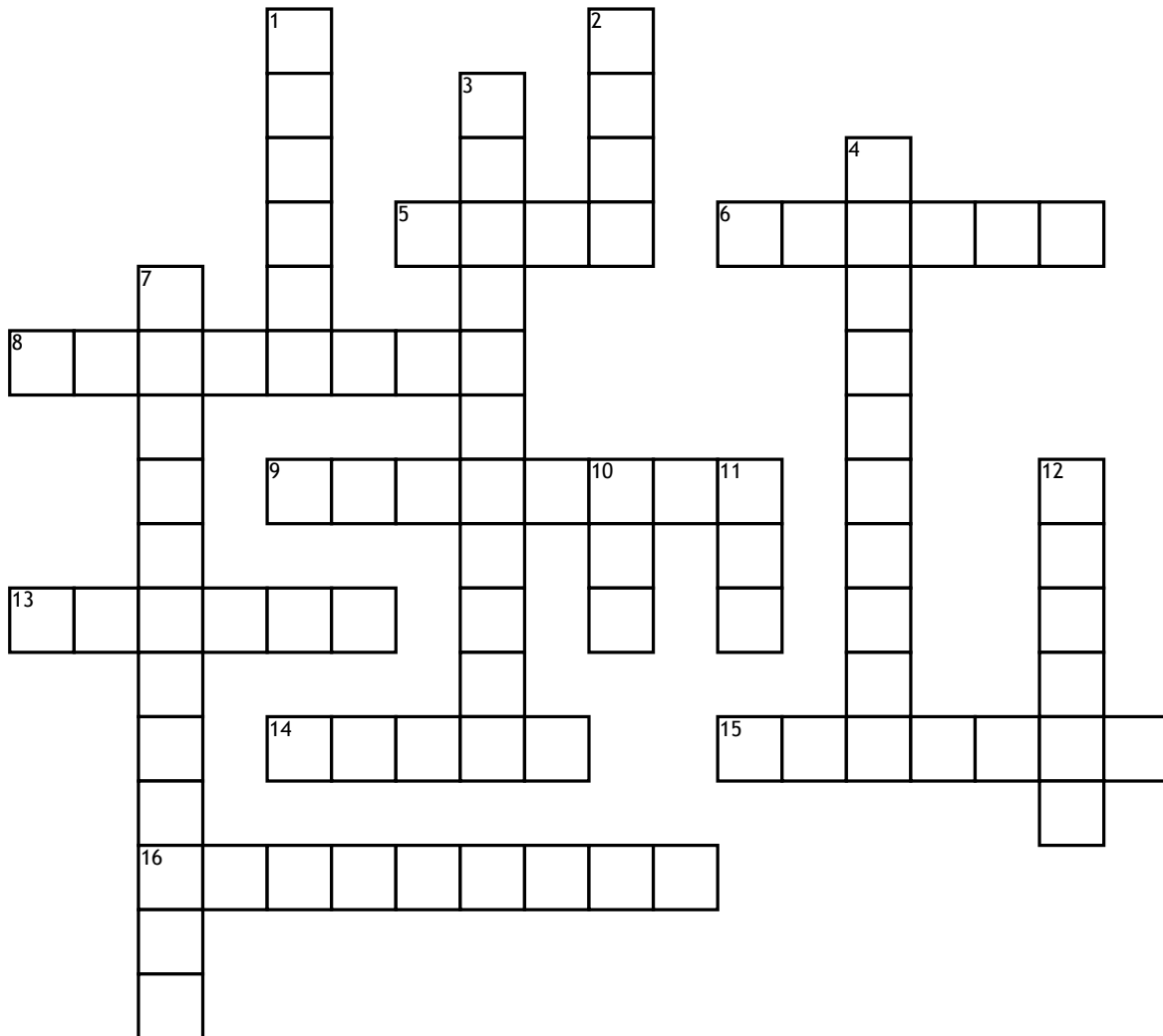


Name: _____

N5 Energy and electricity



Across

- 5. Coulombs of charge per second
- 6. Subatomic particle carrying a positive charge
- 8. force divided by area
- 9. How a voltmeter is connected to a component to measure the p.d.
- 13. Q
- 14. Energy divided by time
- 15. Movement energy

16. A material that does not allow electrons to easily move through it

Down

- 1. Gas law linking pressure and volume in a constant temperature
- 2. A law linking voltage and current
- 3. A measure of how hot or cold a substance is
- 4. heat transfer through a solid

7. The amount of energy needed to raise the temperature of 1 kg by 1 degree. Specific -----

10. A type of resistor used to switch on street lights

11. A very efficient light source that has to be connected the correst way round.

12. -273 degrees celcius = 0 -----