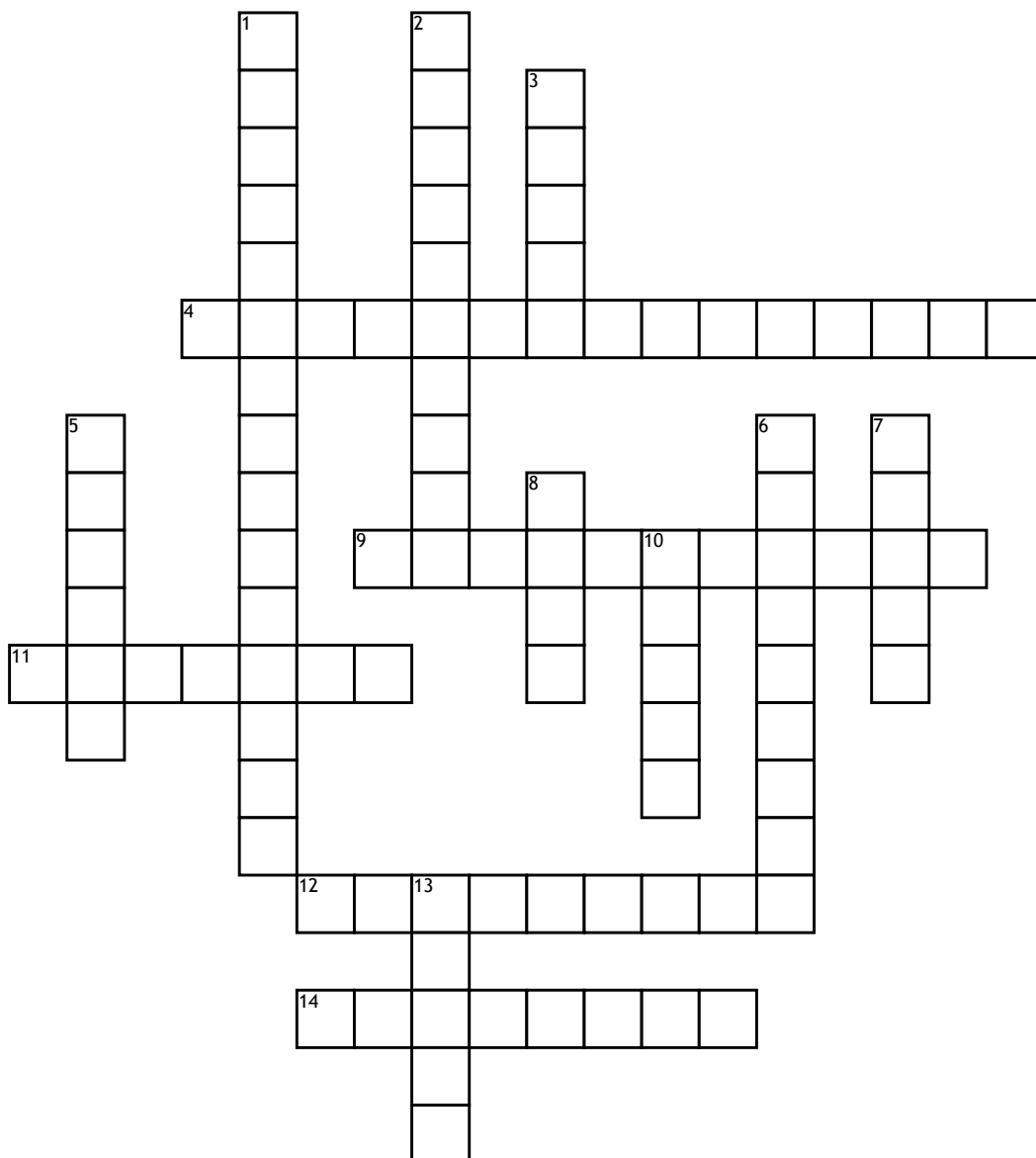


Name: _____

Energetics



Across

4. 'G' stands for...

9. The temperature of the surroundings falls in this type of reaction

11. 'S' is the symbol for this

12. Enthalpy change when one mole of ions are completely surrounded by water

14. Enthalpy change when one mole of an ionic compound is dissolved in water

Down

1. Mg, Be and Al ions have a high....

2. Another word for burning a compound in oxygen

3. 4.2 Joules per Kelvin per mole is the specific heat capacity of.....

5. Which halogen has the highest entropy?

6. A heat change involving elements

7. Haber's first name

8. When this is formed, energy is given out

10. law is an application of the first law of thermodynamics

13. Greek letter meaning 'change'