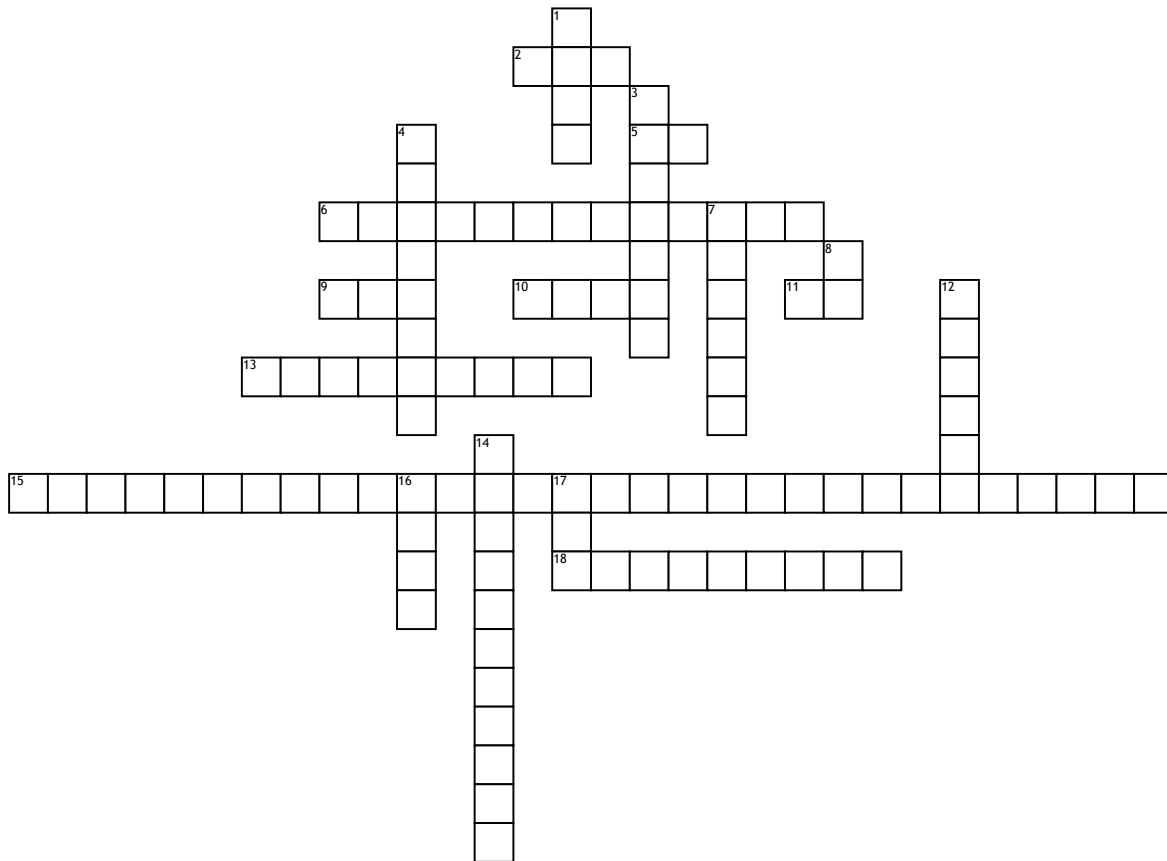


Name: _____

Date: _____

Mole crossword



Across

2. What is the molar mass of 2MgO

5. What is the molar mass of H_2O

6. What type of math involves $6.02 \cdot 10^{23}$

9. 101.3 is standard pressure for what unit

10. Using the same reaction as #4 what volume of oxygen is produced by the consumption of 18.9L of hydrogen

11. How many moles are in 2MgO_9

13. 12.0111 = the _____ of carbon

15. What does STP stand for

18. $6.02 \cdot 10^{23}$ is the amount of particles or _____ in one mole

Down

1. At STP conditions, what is the volume of 2 moles of oxygen, O_2

3. In the reaction $2\text{H}_2 + \text{O}_2 \rightarrow 2\text{H}_2\text{O}$ how many moles of oxygen are needed to produce 27.3L of hydrogen

4. Who is the number $6.02 \cdot 10^{23}$ named after

7. To do stoichiometry, Ms. Lerberg recommends using a _____

8. What is the molar mass of 2NH_3

12. Molar _____: 1 mole of gas at STP = 22.4L

14. Standard _____ is 273 Kelvin

16. 760 is standard pressure for what unit?

17. 1 is standard pressure for what unit