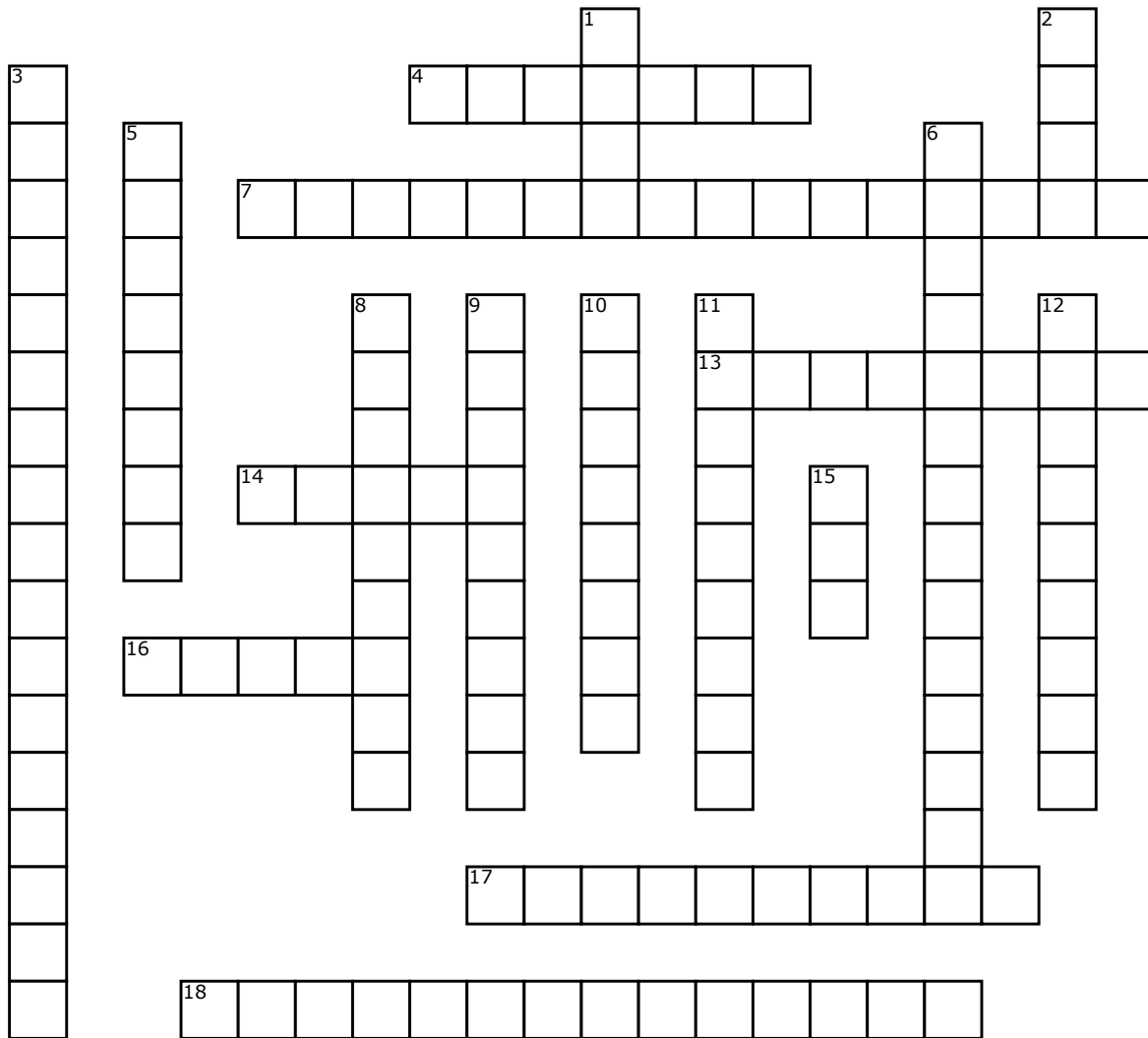


Moles Crossword Puzzle



Across

- 4. What month is mole day actually celebrated? (hint: Not this month)
- 7. What does 6.02×10^{23} represent?
- 13. What is another name for a substance in group 18 in the periodic table?
- 14. How many moles does magnesium have?
- 16. What unit of measure does n stand for in $PVnRT$?
- 17. Avogadro's number relates to whose work?

18. The law in which pressure, volume, and temperature are used.

Down

- 1. How many moles of Fe are there: $2Fe_2O_3 + 3C \rightarrow 4Fe + 3CO_2$
- 2. Avogadro's Number is used to form this.
- 3. What is the ability of an atom to pull electrons towards itself called?
- 5. When converting moles to particles you _____ by Avogadro's number?
- 6. Who discovered the mole? (first then last)

8. From left to right, electronegativity does what across a period?

- 9. What is used to calculate moles of one chemical from the given amount of a different chemical?
- 10. What number is used to change moles to particles?
- 11. Reactivity does what down a group?
- 12. What unit is Avogadro's Number represent?
- 15. What is the symbol for a mole