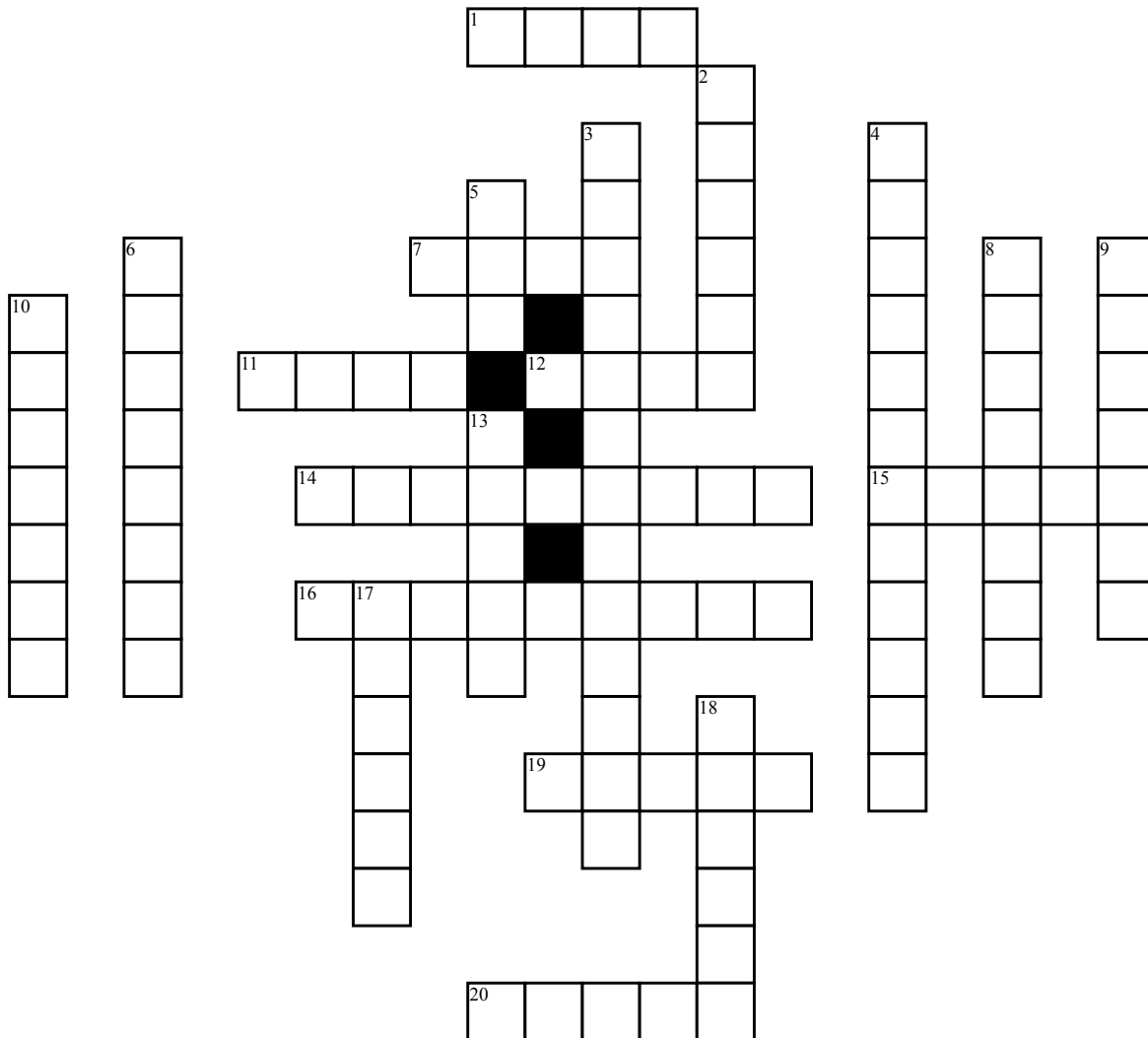


The Atom



Across

1. unit for measuring the number of molecules in a substance
7. a burning substance that gives out heat, smoke, and light
11. indefinite shape
12. smallest component of an element
14. process that occurs within an atom
15. colorless liquid
16. extremely small constituents of matter

19. a very small unit of matter that the particles of an atom consist of
 20. part of a molecule consisting of series of atoms connected in a line
- ## Down
2. gaseous element present in the sun's atmosphere (symbol He)
 3. group of electrons revolving around the nucleus of an atom
 4. relative atomic mass
 5. invisible gaseous substance surrounding the earth

6. colorless flammable gas (symbol H)
8. element that has a negative charge
9. element that has no charge
10. positively charged mass within an atom.
13. the planet we live on
17. propelled or driven by atomic energy
18. positively charged element