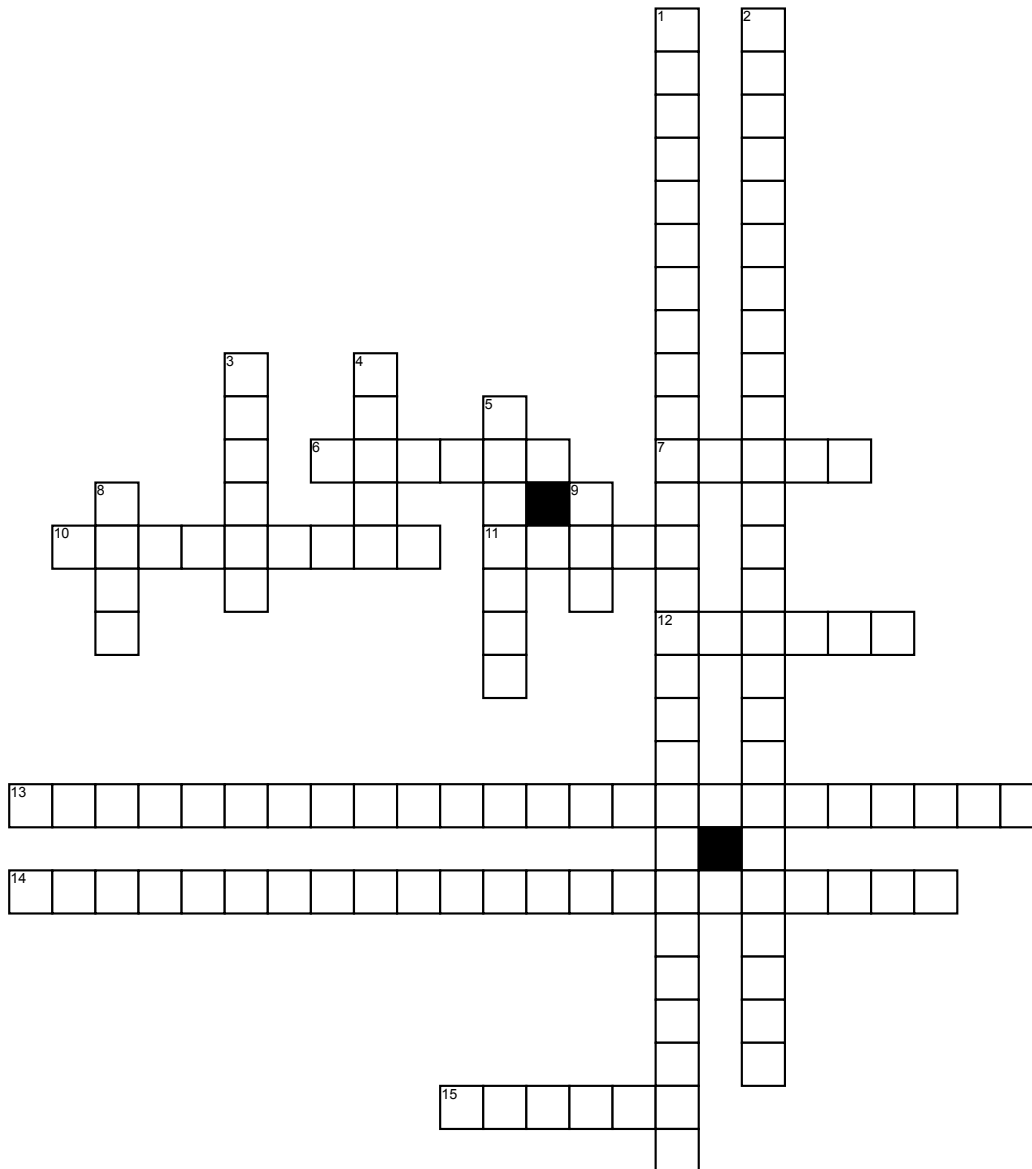


Name: _____ Date: _____ Period: _____

" What Is Matter?"



Across

- 6.** anything that has mass and takes up space
7. a state of matter that has a definite shape and volume
10. a minute tiny portion of matter
11. the relative extent to something; a things overall dimensions or magnitude
12. gravitational pull on the mass of an object
13. particles vibrate back and forth in all directions; cannot move place to place

- 14.** particles move freely rather than staying together
15. the amount of space that a substance or object occupies, or that is enclosed within a container

Down

- 1.** particles of matter that are close together exert an attractive for of pull on each other
2. the distance between particles is greater than in solids

- 3.** a state of matter that has a definite volume but not a definite shape
4. a continuous area or expanse which is free, available, or unoccupied
5. the mass per unit volume of a substance
8. quantifies the amount of matter contains
9. a state of matter that has no definite volume and no definite shape