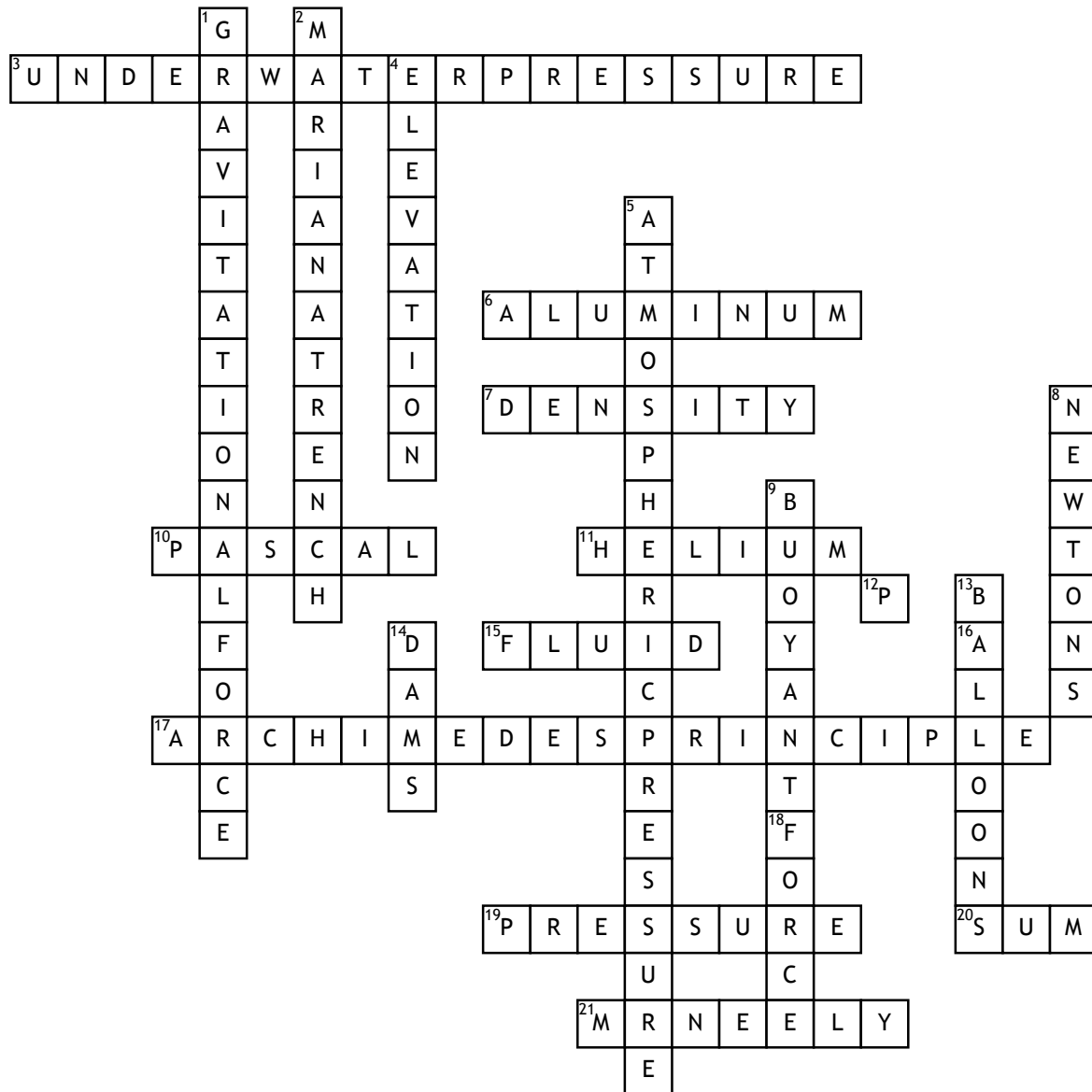


# Physical Science Chapter 3 Lesson 1 and 2 Vocabulary



## Across

3. this pressure increases with depth  
6. has more than twice the density of water fig.10  
7. mass divided by volume =  
10. the unit measurement for pressure  
11. is less dense than either oxygen or nitrogen in the air  
15. any substance that can flow and take the shape of the container that holds it  
16. is the surface area

17. the weight of the fluid that an object displaces is equal to the buoyant force  
18. is the force  
19. is the amount of force per unit area applied to an object's surface  
20. the whole amount  
21. evil guy who writes these x word things

## Down

1. force that pulls downward  
2. deepest part of the ocean  
4. height above sea level

5. The ratio of the weight of all the air above you to your surface area  
8. Like all forces, weight is measured in...  
9. an upward force applied by a fluid  
12. is pressure  
13. sometimes filled with helium  
14. are thicker at the bottom than they are at the top