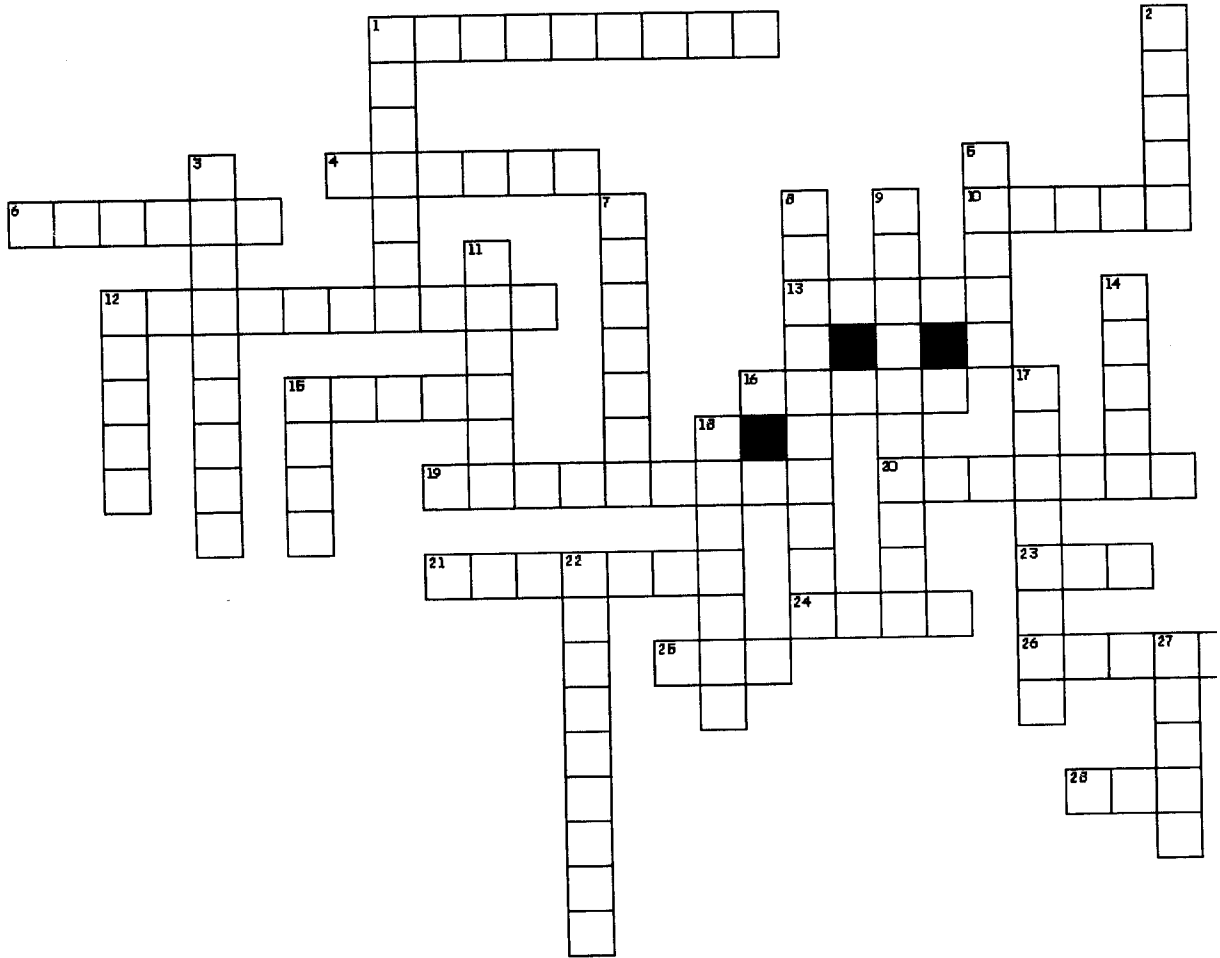


# Measurements, Density, Buoyancy, & Pressure



## Across

1. his principle explains how aircraft fly
4. used to prevent a marble from rolling off the balance
6. most countries use the \_\_\_\_\_ system of measurements
10. metric unit for volume of liquids
12. educated guess
13. metric prefix "c"
15. visual way to show data
16. metric prefix "m"
19. step by step directions
20. number of days in 10 weeks
21. mass/volume
23. to convert from mm to km, you move the decimal point \_\_\_\_\_ places to the left
24. an object that is more dense than water will \_\_\_\_\_ in water
25. density of water = \_\_\_\_\_ g/ml
26. used to measure the volume of a block
28. to convert from g to cg, you move the decimal point \_\_\_\_\_ places to the right

## Down

1. used to find mass
2. metric unit for length
3. buoyant force is equal to the weight of the fluid \_\_\_\_\_
5. substance that can easily flow
7. question that you're trying to answer in a lab
8. his principle says that buoyant force equals the weight of the fluid displaced
9. part of a lab write-up where you summarize what happened
11. low elevations have \_\_\_\_\_ air pressure than high elevations
12. metric prefix "h"
14. an object that is less dense than water will \_\_\_\_\_ in water
15. metric unit for mass
17. force per unit area
18. upward force opposite the force of gravity
22. type of boat that can change its density
27. something that goes wrong in an experiment