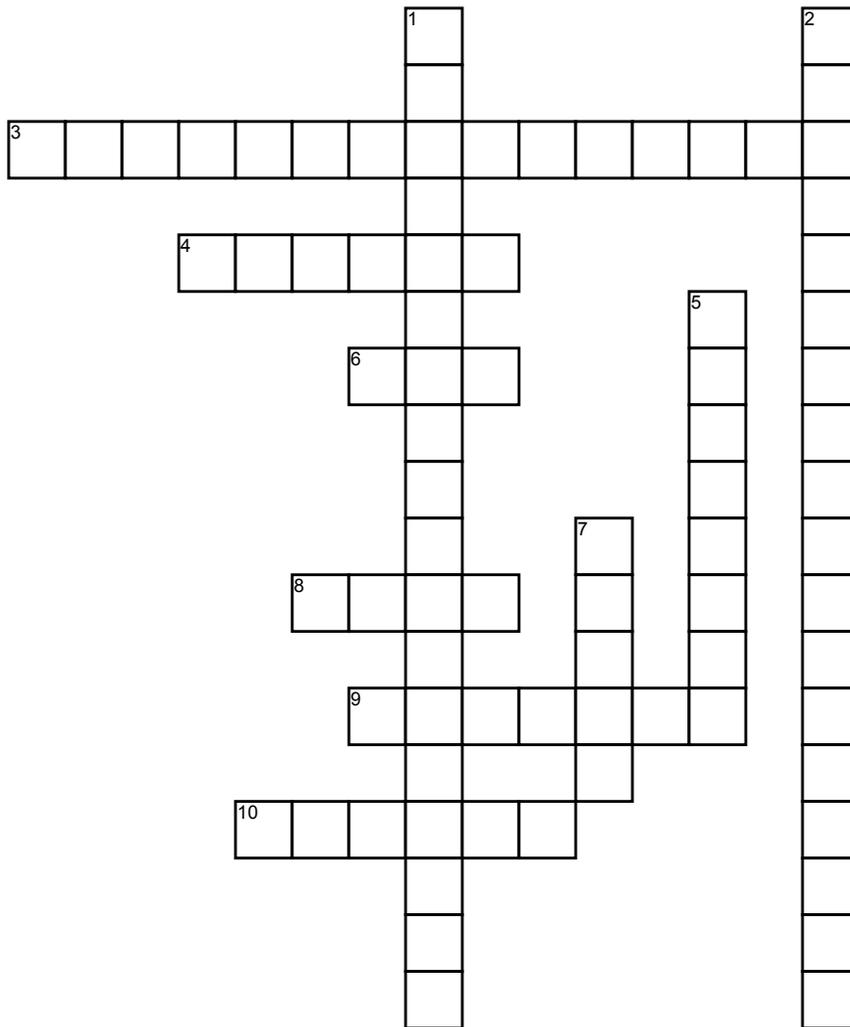


# calebs homework



## Across

- 3.** comparing an objects density to water to see if it sinks or floats  
**4.** a state of matter that has a definite volume but takes the shape of its container;atoms move slowly and are close together  
**6.** a state of matter without a definite shape or volume;particles are spread ou tand move quickly  
**8.** the smallest amount of matter  
**9.** the amount of matter in a given volume

## Word Bank

gas	physical properties	chemical properties	matter
atom	bouyancy	density	relative density
solid	liquid		

- 10.** anything that has mass and takes up space(has volume)

## Down

- 1.** properties that are observed when a substance changes into a new substance  
**2.** something that can be measured or observed without changing a substance  
**5.** how well some thing floats  
**7.** a state of matter that has a definite shape and volume;atoms are tightly packed together and cannot move