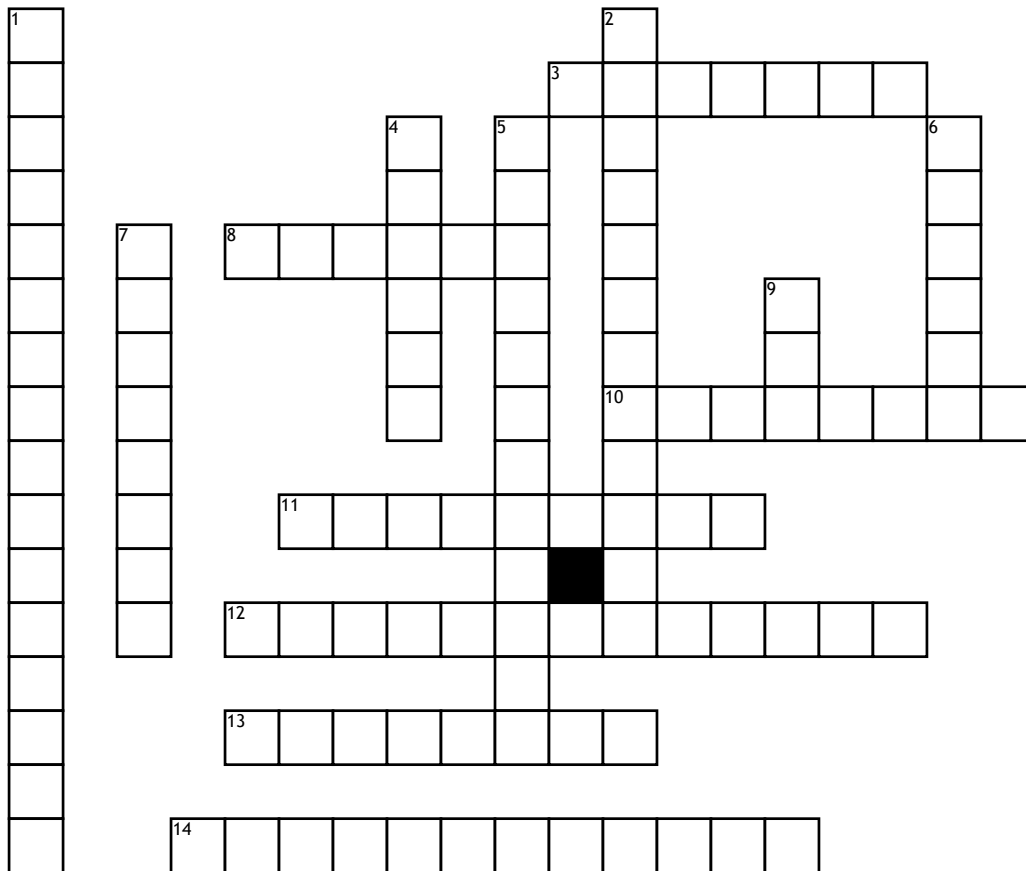


# ch 16



## Across

3. the quality or state of being dense

8. is matter consisting of both positives and negative particles

10. force exerted per unit area

11. the spreading of particles through a given point

12. is an explanation of how particles in matter behave

13. A n ability of something to float in a liquid

14. The temp of which the vapor is the same as the external pressure

## Down

1. is an increase in the size of a substance when the temperature is increased

2. the temp at which a solid starts to melt

4. pressured is measured in

5. the amount of energy required to change a substance from the solid phase to the liquid phase

6. the substance of which a physical object is composed

7. resistance to flow by fluid

9. neither independent shape nor volume but tends to expand indefinitely

## Word Bank

kinetictheory

Pressure

THERMAL EXPANSION

matter

BOILINGPOINT

DIFFUSION

gas

velocity

density

BUOYANCY

heatoffusion

meltingpoint

PLASMA

pascal