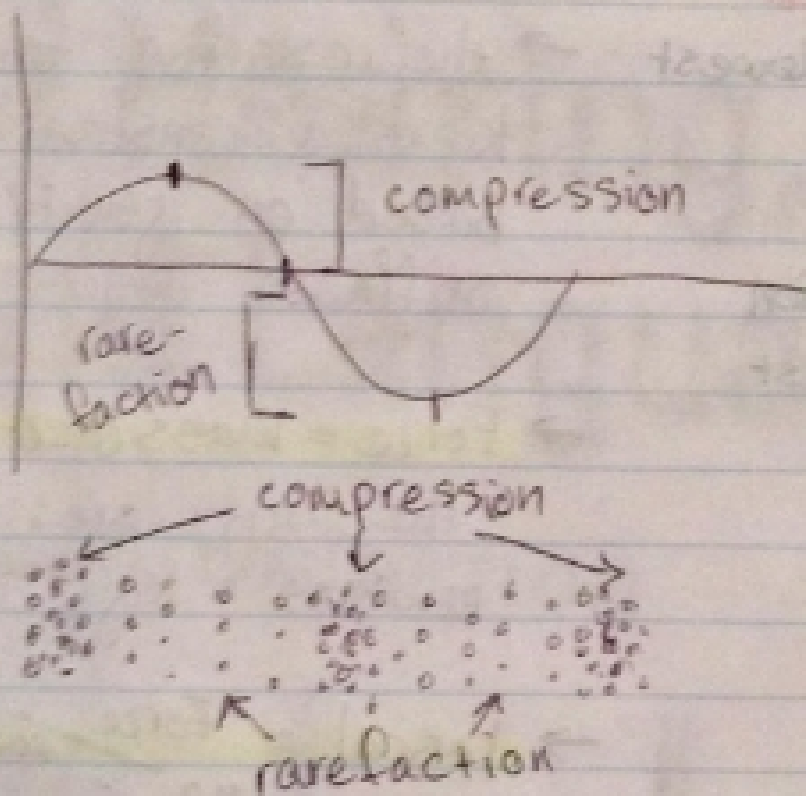


Boyle's Law: air moves from areas of lower pressure to areas of higher pressure (i.e., breathing)



→ compression and rarefaction are the two types of motion in a wave

→ compression is when molecules are pressed together

→ rarefaction is when molecules are spread out

\* Acceleration is greatest as a car initiates movement (compared to velocity or displacement)

\* Velocity of a pendulum is greatest when displacement is at a minimum