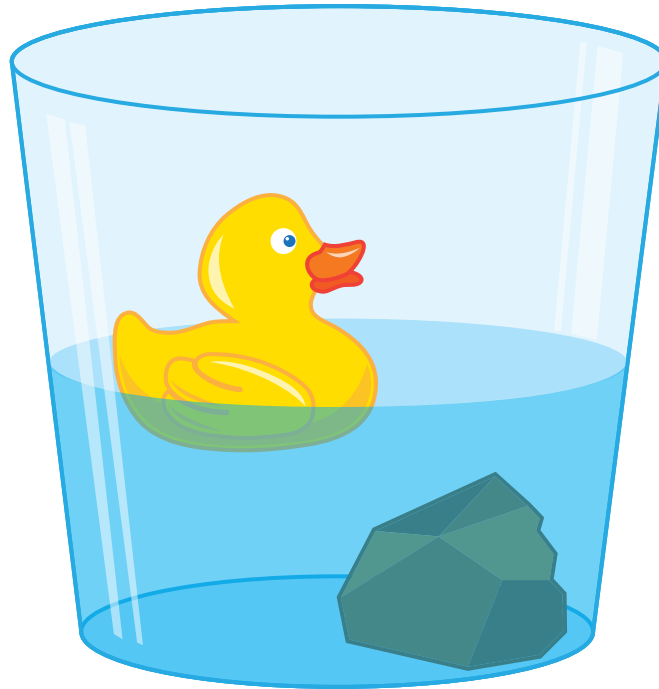


# D Density

The density of an object is the ratio between its mass and volume.



The density of water is 1.0 gram per cubic centimeter ( $\text{g}/\text{cm}^3$ ). If an object floats on water, like a rubber duck, then its density is less than that of water; if it sinks, like a rock, then its density is more than that of water.