

# Determining density of an irregular solid

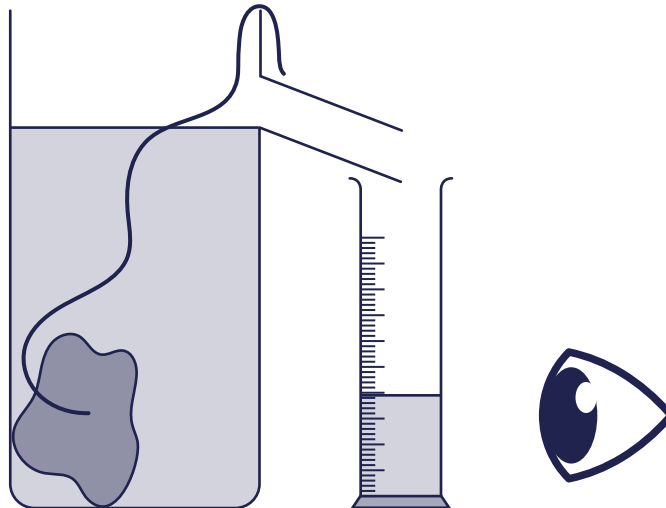
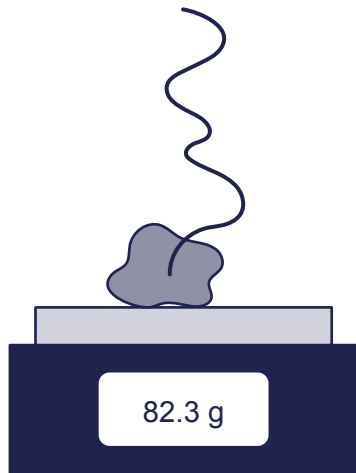
2 Fill displacement can until water overflows

3 Submerge object in filled displacement can

5 Calculate density ( $\rho$ )

$$\rho = \frac{m}{V}$$

1 Measure mass ( $m$ )



4 Measure volume of water displaced ( $V$ )