


Density involves Mass + Volume
 the formula is  $\frac{\text{mass}}{\text{Volume}}$
 (scale) (graduated cylinder)

Which means:

how much mass for its volume

$\frac{3g}{1ml} > 1$ (water) ↑ density **Sink**

$\frac{1g}{3ml} < 1$ ↓ density **floats**

viscosity is stickiness

The ways that Density & Viscosity
 Could be related are:

1. not related! $\uparrow \downarrow \sim + \cdot$
2. directly related $\uparrow d \quad \uparrow v$
3. inversely related $\uparrow d \quad \downarrow v$

