

Density

Density is the amount of _____ per unit volume.

What do we measure density in? _____

If the object is less dense than a substance it will _____ when placed in the substance.

If the object is more dense than a substance it will _____ .

Predict whether these objects would float or sink in water (density of water = 1000kg/m³):

Oil: 913 kg/m³ _____

Ice: 881 kg/m³ _____

Pumice stone: 721 kg/m³ _____

Blood: 721 kg/m³ _____

Wax: 320 kg/m³ _____

Sand: 1602 kg/m³ _____

Chalk: 1121 kg/m³ _____

Explain why each one will float or sink

Read the opinions below and decide who you agree with. Why do they think this?

