

# Formula for calculating dilution of alcohol

Desired strength X Volume required

\_\_\_\_\_ = how much pure alcohol to use

Alcohol content of pure alcohol

Ex: We start with pure 90% alcohol but need to make a 40% Rum...

$$40\% \times 750\text{ml} / 90\% = 333\text{ml pure alcohol}$$

Into a 750 ml empty bottle we would add 333ml of the pure alcohol... then add the Rum flavour, then top up with a pure water to 750ml. This would now be a balanced 40% bottle of Rum !