

Jason needs to use 63.5 grams of alcohol that has a density of .818 g/ml.  
How many milliliters of the alcohol would Jason need?

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

$$V = \frac{63.5}{0.818} = 77.63ml$$

$$\underline{V=77.63 \text{ ml}}$$