

① Temp → ρ Density. ✓

② Mass ⇒ electronic balance

$$\frac{D}{l} = \frac{M}{V} \rightsquigarrow \frac{V}{l} = \frac{M}{D}$$

Compare 10ml from pipette ⇔

Cal. Volume

Oct 11-7:59 AM

① Na^0 → Na^+

④	(ml) cm ³	39.6g
	0.789g	

50.19 ml

⑨

O : H
27 : 27

$\text{Fe}(\text{PO}_4)_3(\text{OH})_3 \cdot 12\text{H}_2\text{O}$

Oct 11-9:03 AM

⑭ $2Li + 2H_2O \rightarrow 2LiOH + \underline{H_2}$
↘ 9

14g Li	1 mole Li	1 mole H₂	2g H₂	2g H ₂
7g Li	2 mole Li	1 mole H ₂	2g H ₂	

⑮ $C_4H_5N_2O$

$4(12) + 5(1) + 2(14) + 1(16) = 97$

~~97~~ → $194g$ (mole)

~~97~~ → $8 A_{10} N_4 O_2$

Oct 11-9:11 AM

25g Al ₂ S ₃	1 mole Al ₂ S ₃	3 mole S
	9 Al ₂ S ₃	1 mole Al ₂ S ₃

Oct 11-9:16 AM