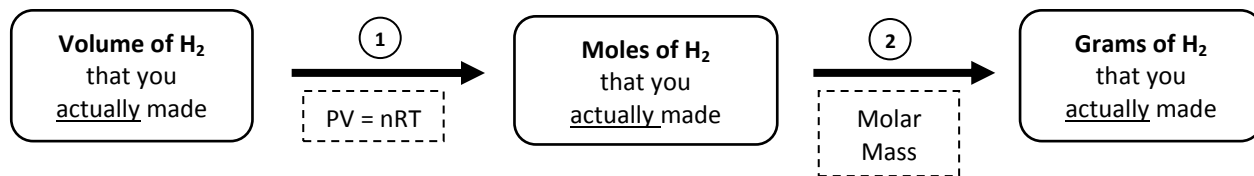


Gas Stoichiometry Lab

Post-Lab Calculations Flow Chart



Volume of H₂
 that you made = _____ mL = _____ L of H₂

1 ↓ PV = nRT

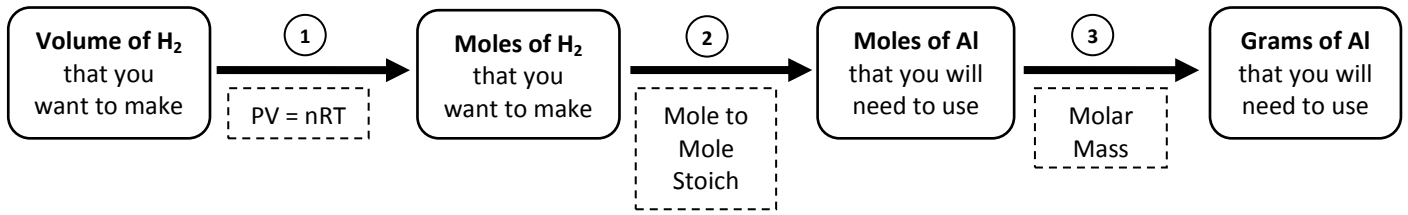
P = _____ T = _____ °C = _____ K
 V = _____ R = _____ n = ???
Solve for # moles of H₂ that you want to make:

2 ↓ Molar Mass

Moles of H₂ that you made = _____
 Molar Mass of H₂ = _____
 Moles of H₂ x Molar Mass = **Grams of H₂** that you actually made
Solve for Grams of H₂ that you made
 _____ =

Gas Stoichiometry Lab

Pre-Lab Calculations Flow Chart



Volume of H₂
 that you want to make = _____ mL = _____ L of H₂

1 ↓ PV = nRT

P = _____ T = _____ °C = _____ K
 V = _____ R = _____ n = ???
Solve for # moles of H₂ that you want to make:

2 ↓ Mole to Mole Stoich

Balanced Equation:

Moles of H ₂	Coefficient of Al	=	Moles of Al you need to use
	Coefficient of H ₂		

Solve for Moles of Al that you need to use:

3 ↓ Molar Mass

Moles of Al that you need to use = _____
 Molar Mass of Al = _____
 Moles of Al x Molar Mass = **Grams of Al** that you need to use
Solve for Grams of Al that you need to use:

		=
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