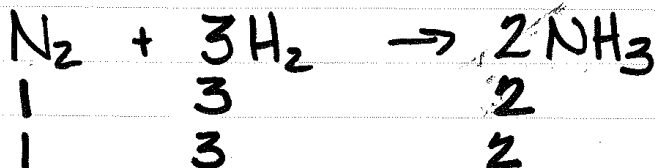


Stoichiometry

Def:

- Using a balanced eqn. to solve problems
- based on the mole ratios of products + reactants

ex:
moles
molec
grams

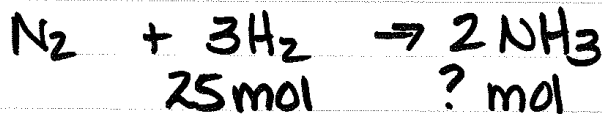


must do math for this

mole
bridge

- a ratio based on the coefficients in a balanced eqn.
- Allows us to convert from one cpd to another

ex:



$$\frac{25\text{ mol H}_2}{3\text{ mol H}_2} \times \frac{2\text{ mol NH}_3}{2\text{ mol H}_2} = \boxed{1.7\text{ mol NH}_3}$$