1)

Triangle: M on top; D and V on bottom.

M: mass in grams
D: density in g/mL
V: volume in mL

2)

Triangle: xg on top; n and MM on bottom.
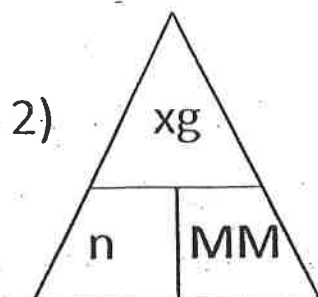
xg: mass in grams
n: number of mol
MM: molar mass in g/mol

3)

Triangle: # of Particles on top; n and A.N. on bottom.
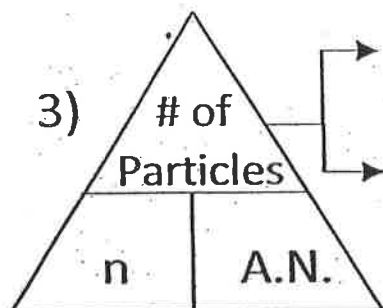
→ Atoms
→ Molecules

A.N. → 6.02×10^{23} particles/mol

4)

Triangle: n on top; [ ] and V on bottom.
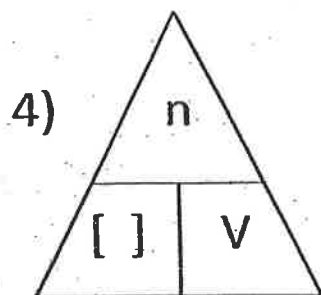
n: number of mol
[ ]: concentration in mol/L or Molar
V: volume in litres

5) $MF = (EF) \cdot x$

6) Dilution Equation: $C_1V_1 = C_2V_2$

7) MV at STP: 22.4 L/mol

8) % Yield

$$\% = \frac{\text{Actual Mass}}{\text{Theoretical Mass}} \times 100$$