Tabic - Mole Concept
Male = Callection of atoms ax molecules.
Forming (Avodagro Namper) (Wale = C.05 × 1053 atoms as molecula
no. of male = cut of substance in Im
atomic at
No. of mole = Total no. of atoms prepared of cuptA
Namericals Soil Lind the number of moles in 11 8m Cos. Mrs. Magnes Manager Manage
14112 - O'LOWIG OF OF = 15, 10 x 6
No. of moles = wtingm = ## = # = 0.25 Am
2017 find the number of moles of a substance having
15.00 x 10 d down ?.
In Total no. of atoms = that x 10
Jol" - No. of moles = 10 tal No. of a 1013 = 500 x 1025 = 20 Ans
2013 find no. of atoms in 5 moles of CO2.
8.10 1 male Co = 6.02 × 10 atoms
@ find wt of 0.5 mole of CHY.
John Of cof CH4 = 12+4 = 16 So male 0.5 = Ot = 8 gm Am

1 Find the cut of the having 1.204 x 10 atoms. Atomic wt Of = $2 \times 1 + 16$ +120 = 18 at at Supressione = f.sat x loss x for [wt = 36 gm] Ans 2017 tind number of atoms in 3.2 gm CH4. atomic cut of = 12+4x1 CH4 = 16 at wt = Total no. of atoms N= 1.504 × 1053 Fur What is the mass of 0.2 mole of oxygen atom Ans-3.2 gm De Calculate the mass of 0.5 mole of water Molecules to- 90m Q Calculate the No. Of molecules of Sulphur (So) present in 16 gm of solid Sulphur. Ans- 3.76 × 1022 Calculate the No. of aluminium ion present in 0.0519m of Huminium Oxide (Alas). Ans- 6.02 × 1020 Calculate the no. of land obtained from Ca Cle when 2229m of its

