Keactivity of Metals NEXT: LABS Physical Separation of a Ternary Mixture Equivalent mass = M.M. In= moles of e- transafered Equivalent mass = mass of metalreated 2 x mol Hz formed Oxidation: loss of e (a (s) + 2H*(aq.) - (a*(aq.) + H2(9) Barometric Pressure = Pressure of HzOcolumn + Y. gases Gas = Hz(g) + HzO(g) (e) Pgases = PHz + PHz0 = Barometric Pressure - Pressure of HzOclum. 1) PH2 = Pgases - PH20 Table 1 PH20column = E = m.g. l = SH20-g.hH20 SH20 - g. h H20 = Sty g. h Ha h Hg = SH20. hH20 SHg = 13.69/mL PHZO column = h Hz ~ to get PHZ 1 Vgas = 50 - buret reading + V. dead space P.V= nRT >> NH2 = PH2. VH2

8.21×10-2 atml Thages * Sig. Figs. (0.001g) * SHOW ALL CALCULATIONS CLEARLY SCTUP __ show how to pour water over acid so no misping