Reaction based Mamericals Law of Conservation of Mass - Criver by Lawsier To a Chemical reaction Mass of product
Reactort is always Equal to Mass of product
(Mass neither be reated nor be deptroyed) ExOIn a reaction 5.3 gm of Sodian Carbonate reacted with 6 gm of Ethanoic acid. The product were 2.29 04 CO2, 0.99 water and they of Todian Ethanoate. Find the Value of N. (1)

Son Sodim Carbonate et bethanois acred. -i Co2 + the o + Sodian Ethanocte Mens of Reactast = Mans of Product 5.3+6= 2.2+0.9 tx so (x=8.28) Law Got Constant Droportion - Given by Proust According to this law A Chemical Compound always
Consist of the Same elements Combined together in the Same ratio. Ex H20 7 1:8 Ex-1 Hy Grogen and Oxygen Combine in the What mass of Oxygen gas would be required to Near Completely with 3 gm of Hz gas 8 = 3 (2 gm 02) 70/2-(N = 249m) 19m H2 - 7 8 9m 02 3 Jun H2 - 7 3x8 - 24 Jun 02

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Exas find out wit of Magnesium are formed when 3 gm of Magnesium are Donned in Oxygen. 2Ng+02-2Ng0 2x24=48 2x(24+16)=80 489m Mg - 1 80 9m Mg 0 | 39m Mo - 32 5 1 1 1 2020 | 2020 | 20 grand of Hz is burnt in preprince Of Oxyon. Calculate how much of water 8010 2H2 +02 -2H20 2x2x1 2x(2x1+1) 24 2x(2x1+1)
2y(2x1+1)
2y(2x1

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3 How much of Copper Oxide will be obtained by pecturg 15.32 du of Copper Carperage. Ca (03 Hest) (a0+ (02 12.35 atur (3.5+16 = 63.5 + 12+48 2 123.5 = 14.7 123.5 Jm (1/03 on heat -> 79.5 (40 2 79.5 172.35 17.35 5--123.5 27.950u B