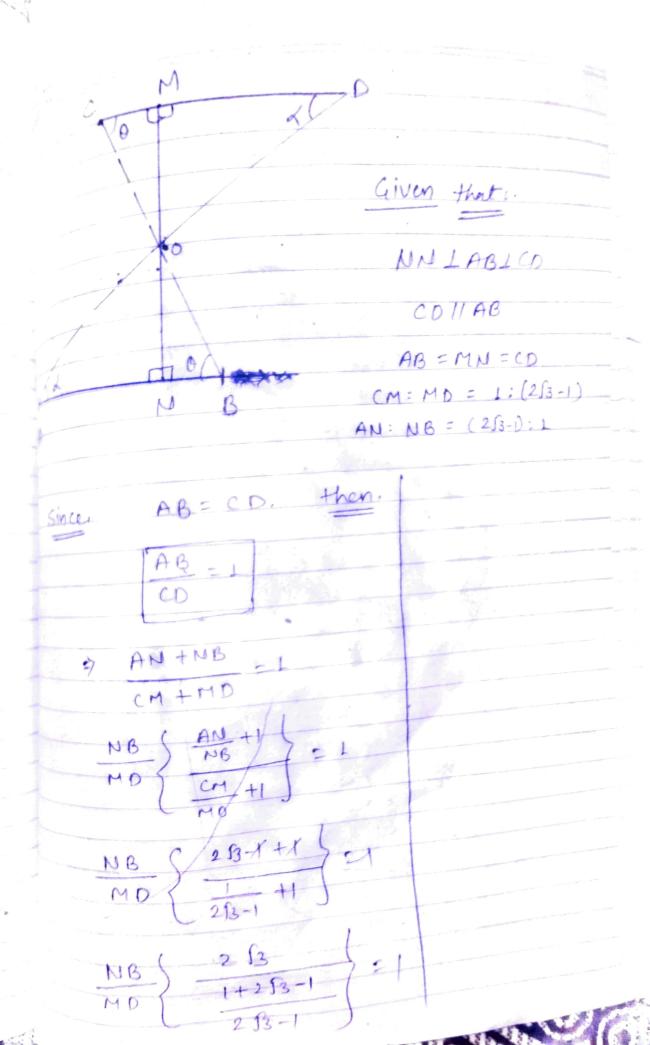
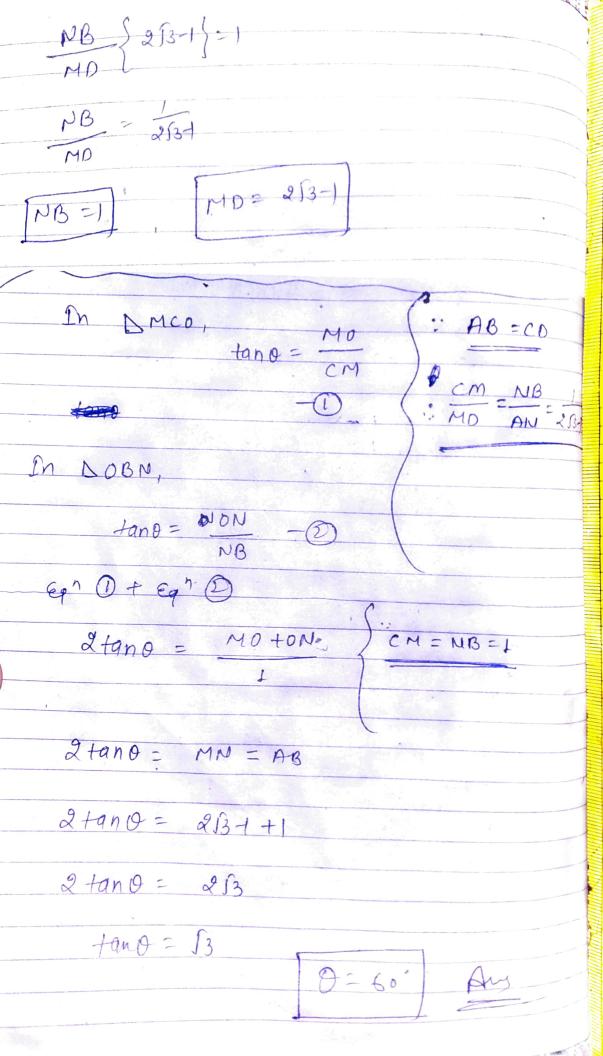
CHALLENGE Q.1 200 Given that 1-· Ax = 2m · lllm · LXBM = 150 · LOOR = 30 AN = & Where N wes on ! Such that, ANITPA Cet 1 be the point which lies on the line e. Such that ANIIPO.

Since (BOR = 30. then Now LROR = < COB = 30° } restically opposite (2ीर्धित्रमुख कोण) : CXBM + CXBO = 180° = 150° + CXBO = 180 (X B0 = 30° Simmillarly 3 CROC + CCOB = 100 CROC + 30 = 180 LROC = 150° Then, LROC=150 = LNCO.) Afternate LOMBX = LNXB= 150. angle and, CAXI = CXBM = 150° Then CAXN + CAXL = 180 LAXN230 0 LPCN = LANN = 30 J.PallAN In A ANN, ATTX = 300 LANX = LAXN = 30

late know that its two angles are same in a totangle, then, their respective endges owill be same, because that triangle will called isosceles totangle. JANX is an isosceles tolongle JAN = 2m Anguer





None on NOAN,

$$\frac{1}{4} \frac{1}{4} \frac{1}{4} \frac{1}{4} = \frac{1}{4} \frac{1}{4} \frac{1}{4} \frac{1}{4} = \frac{1}{4} \frac{1}{4} \frac{1}{4} \frac{1}{4} = \frac{1}{4} \frac{$$

d= 35° Ary