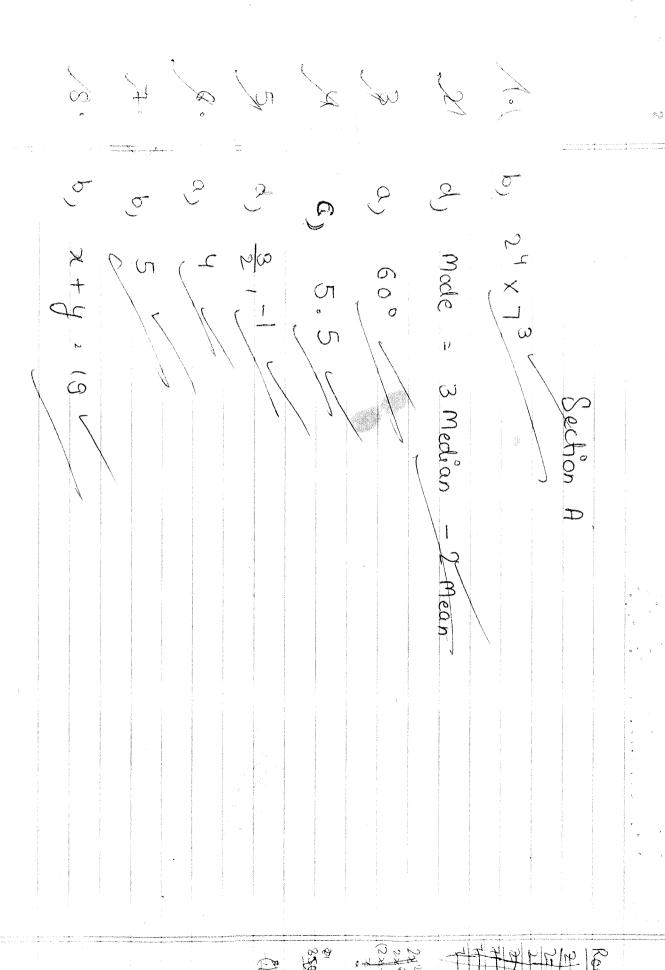
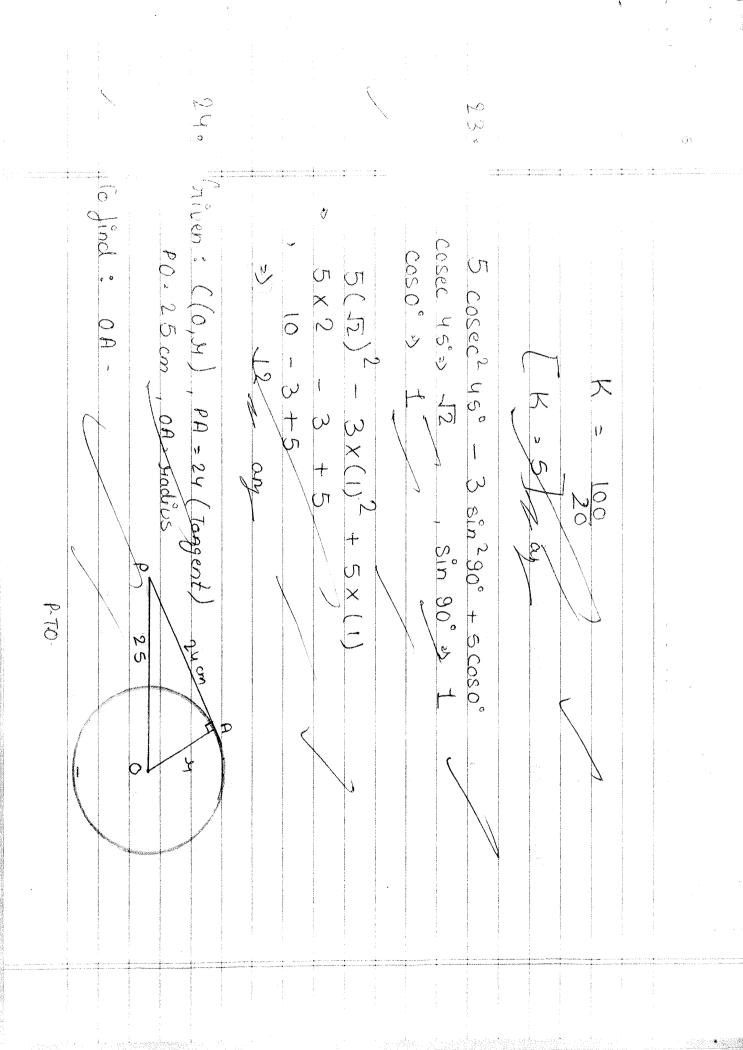
Class-X

Mathematics Basic (241)



					•		
a K = 13 K	3		9) 7	() (15°	7 Br		
		3 4		775		the the f	3

0) 360 4 Asserban (A) is Both (A) and (R) one true No. clivisible by 6 one P(E) > 5 0 5 6 COMMERCE duvisible by 6 , favourable outcomes=5 P(G) (explanation of Assertion (A) Dection truce 100 but Total but Reason (R) is not the 6,712, 18, 24, 30 Reason (R) is Jalue. outcomes => 30 Rowall

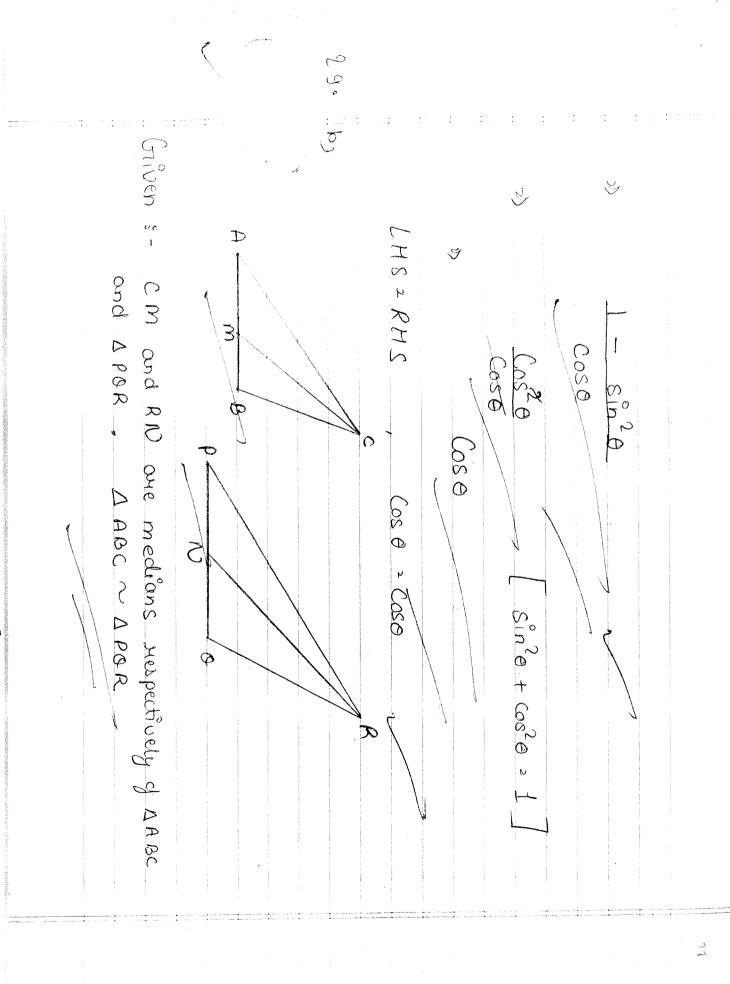


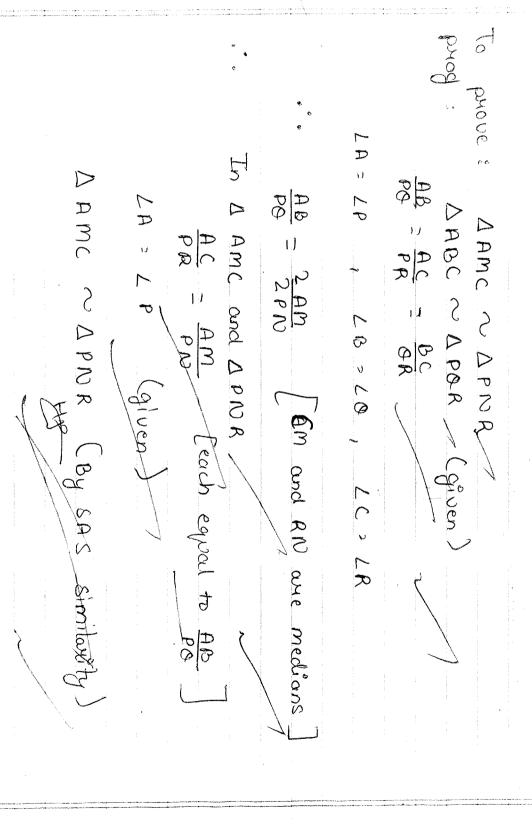
T S Zeroes AAOP is a right angled thrangle

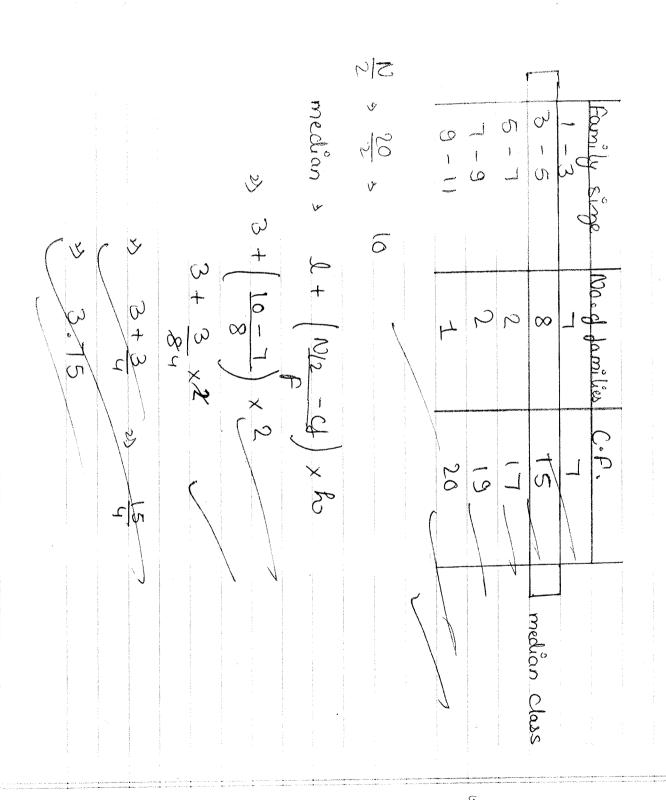
OP = PA2 + OA2 [Pythogones theorem]

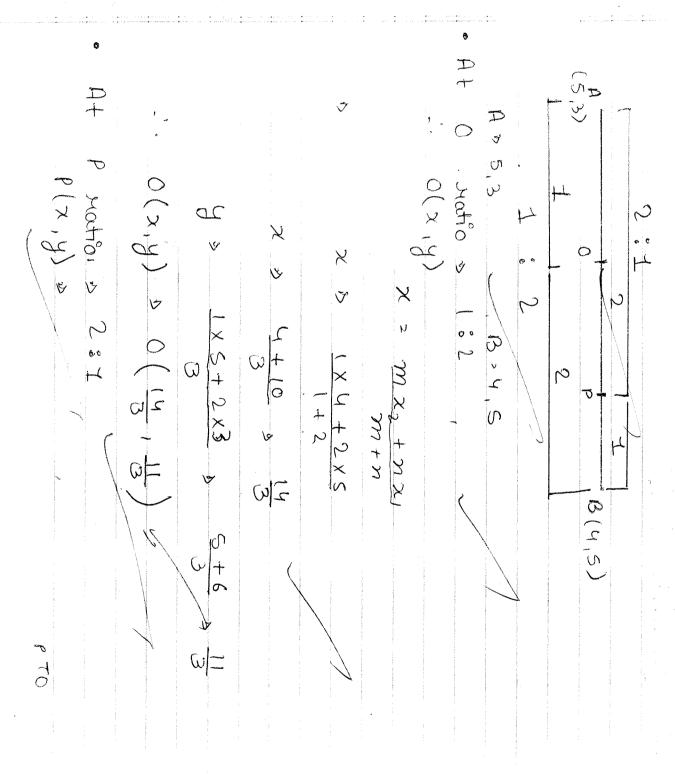
(25)2 > (24)2+ OA2 [Pythogones theorem] Radius $(\chi-2)(\chi+6)$ y + cm (x+6) 20AP = 90° -2(x+6)contact on tangent] Since, a and b are intereus a-7b is national we know that 15 is an 4b Hrational num So, Contractional bumber. Hence, 7+45 is an invarional bumber. 7+4/5 2 7+4<u>75</u> + 50 455 % 450000 15 × a-76 be a mational number , b to, a & b are integens (co-prime Section 4 b Hurational number. is yethoned but

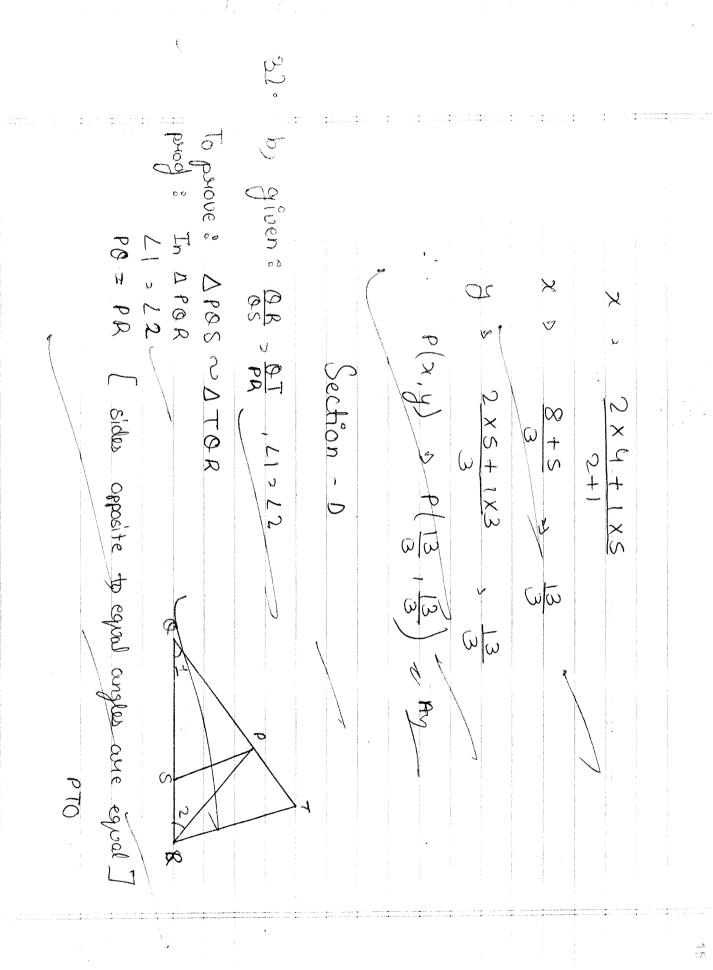
		N 11 0
$\frac{-2}{x^{2}-2x}$ $\frac{-2}{x^{2}-2x}$ $\frac{-2}{3x^{2}-6x}$ $\frac{-2}{3x^{2}-6x}$ $\frac{-6}{3}$ $\frac{-6}{2}$ $\frac{-6}{3}$ $\frac{-6}{2}$ $\frac{-6}{3}$ $\frac{-6}{2}$ \frac	$\frac{x-2-x}{x(x-2)} > 3$	$\frac{1}{x}$ $\frac{1}{x-2}$ $\frac{1}{3}$ $\frac{3}{3}$
Ans phats s 3 3 3 4472 6+113 3 3 7 20x3	2(3- <u>13</u>)	» ноод » -(-6) - <u>112</u> 2 x 3
		* X



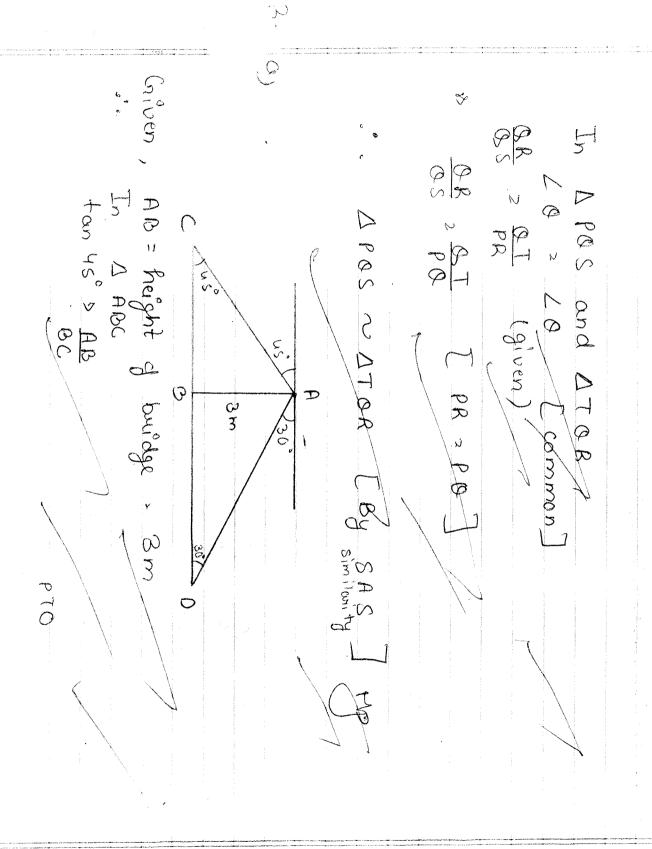


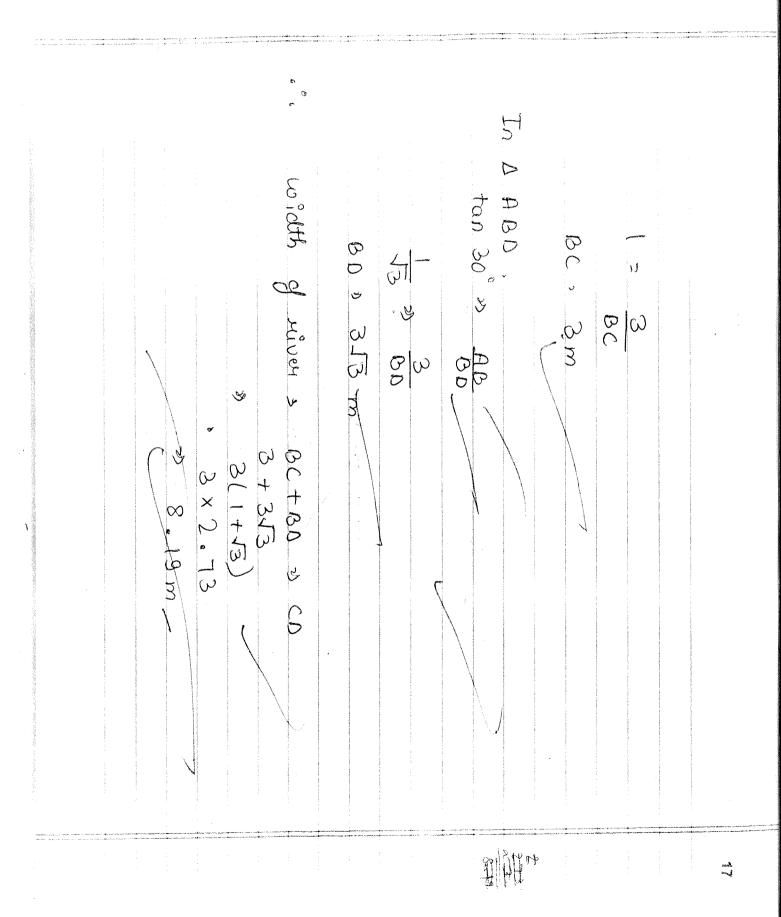




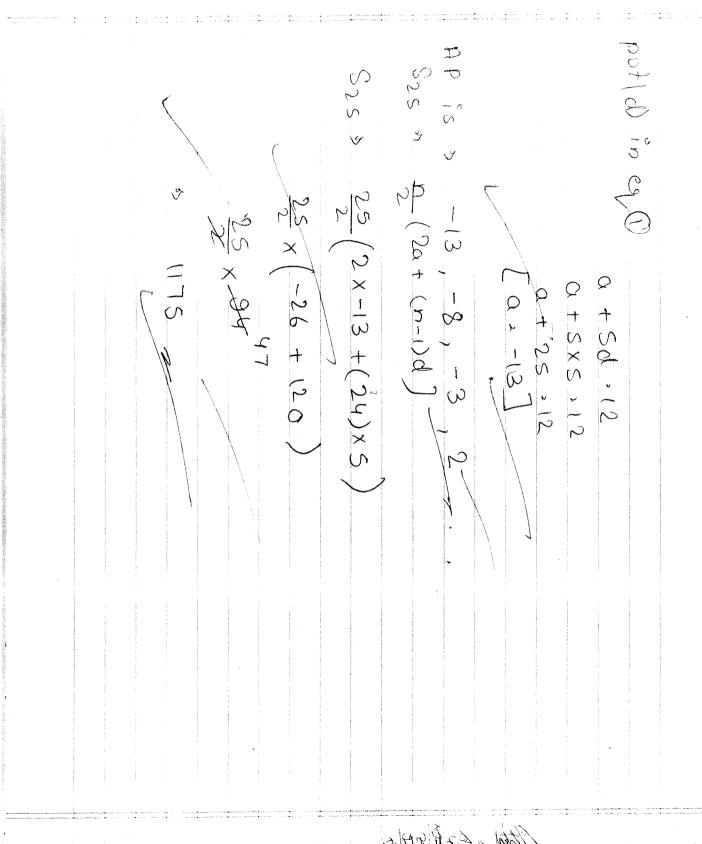






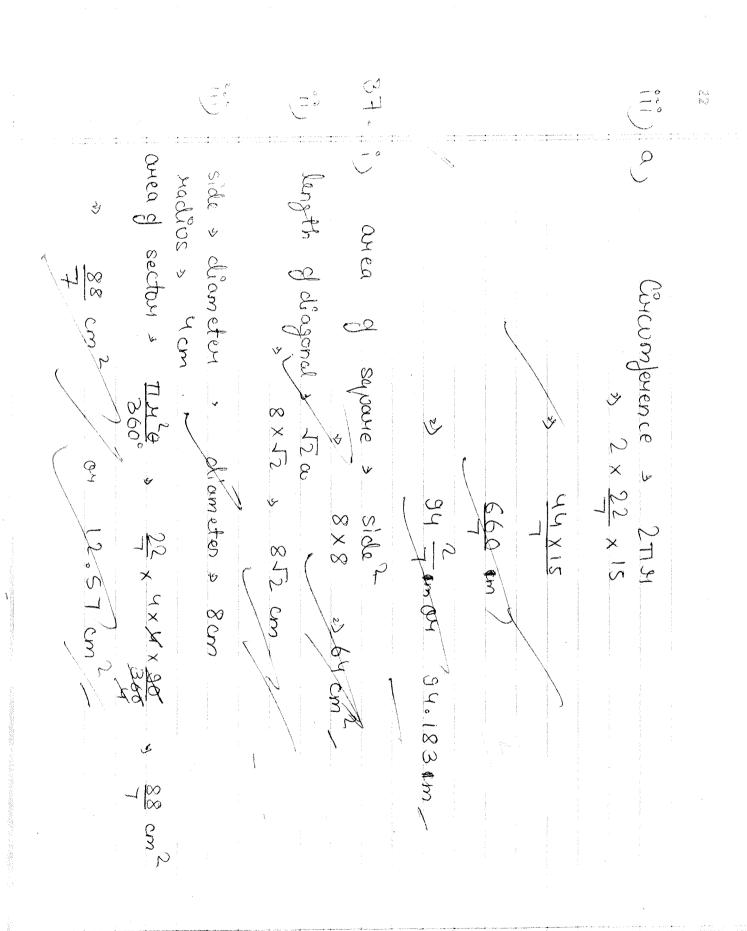


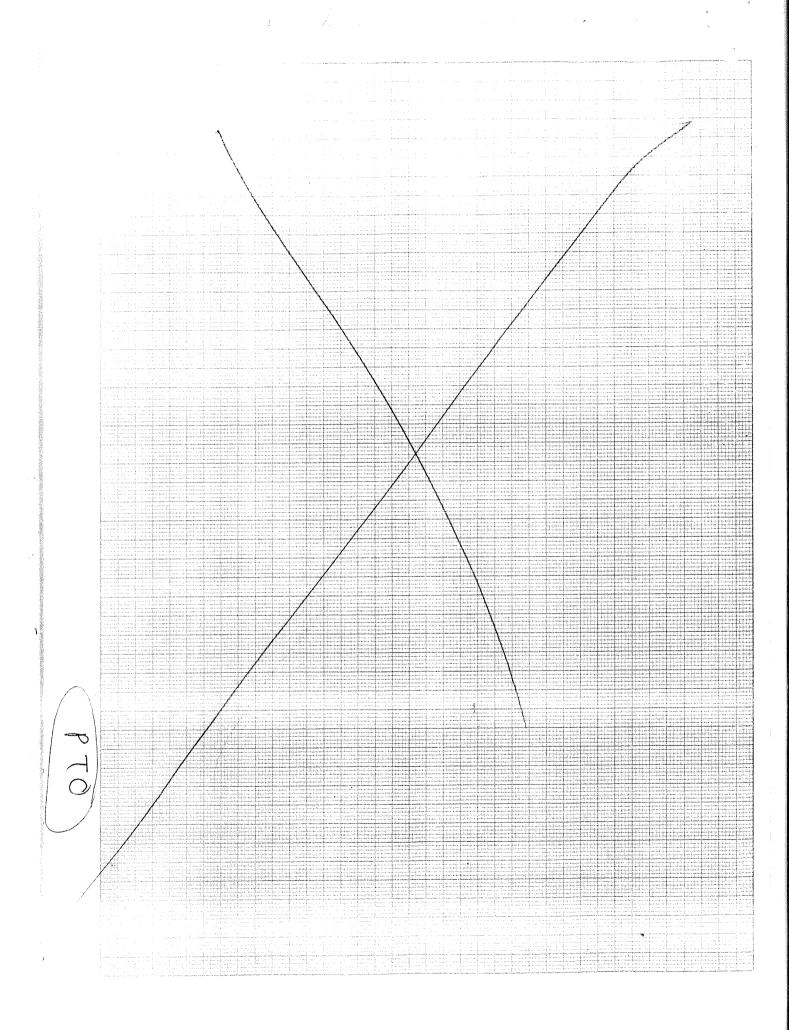
First term, a common difference of ay tag & 24 ay tag & 24 ay tag & 24 ay tag & 24 ay tad to tid & 24 ay tad to 24 ay tad to 24 ay tad to 40 & 40 ay tad to 40 & 40 ay tad to 22 ay tad to 24 ay tad to 2						V		
	10	010	O and .	2 a + 14 d > 44	2 a + 10 al > 24 al + 5 dl > 12 /	a 6 + a 10 3 44 a + 3d + a + 7d > 2	term ou common difference of	

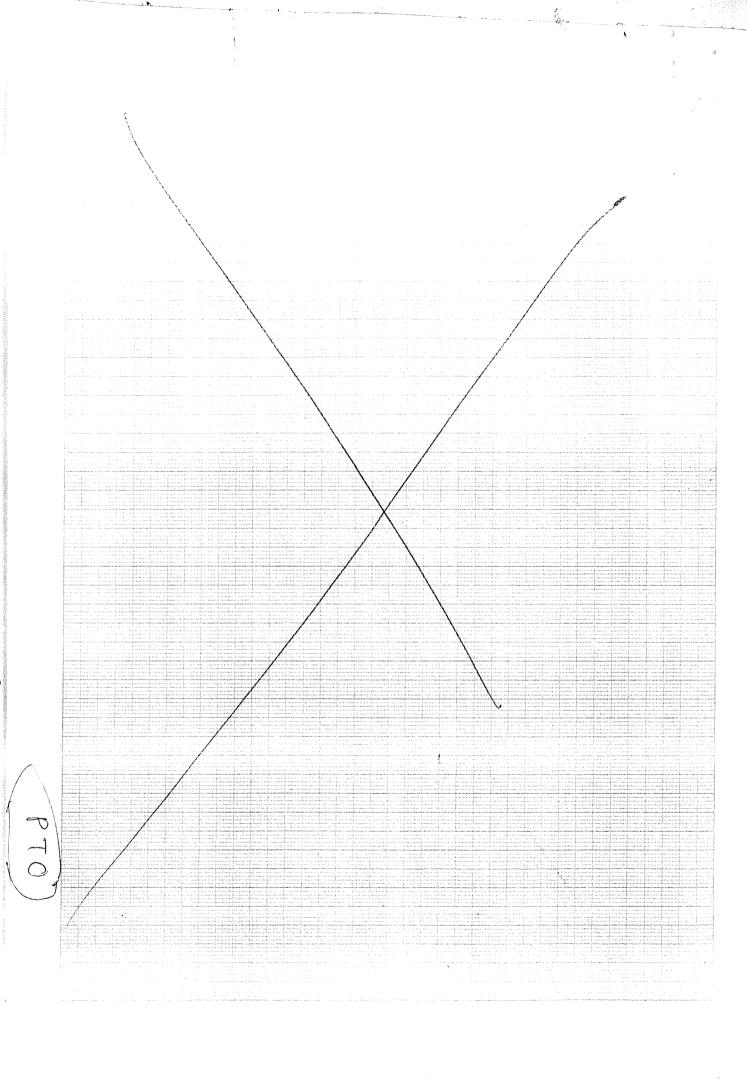


 \mathcal{O}

shoutest distance of Hoad Shautest distance AC>2×20 AC> 40m michoint of A S 2 A B $(20)^2 + 06^2$ OBZ grom the village. . radius







let, the Fixed changes \$77 5.

Changes pen Km = 7 10

Fixed changes pen Km = 7 10

Fixed changes pen Km = 7 10

To pay Jan 10 Km = 20 + 10x10 551 · AS1 + X Charge per Km be I y 1 x · to 5 - 1000 09 6 hs + X Y = 10] 50) (01×0) 20 + 10×10 20+ 100 , F120 N