x3 y 111 + 7 x2 y 11 + 4x y 1 - 4y = (18 1x+81) 0 -2+ Ollat-

$$\frac{C^{1} p p p - 1}{(p - 1)^{2}} = \frac{3p}{2p(1-p)}$$

$$\frac{C^{1}}{(p - 1)^{2}} = \frac{3(1-p)}{2p(p - 1)}$$

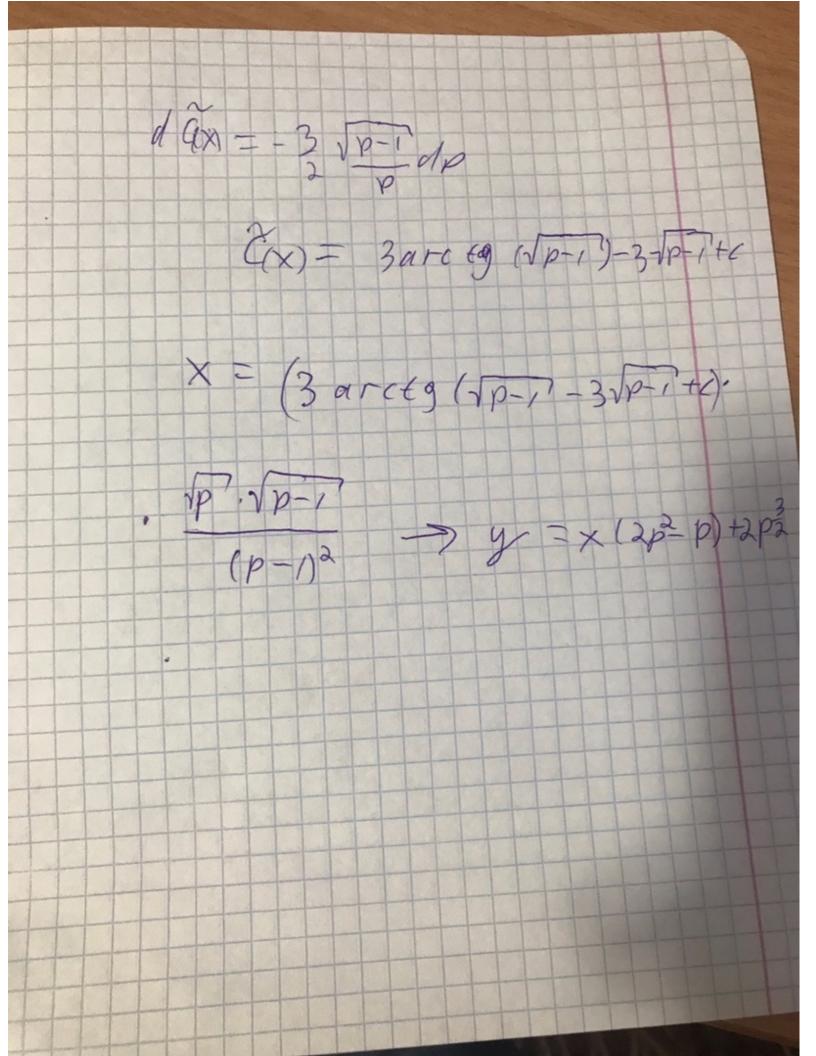
$$\frac{C^{1}}{2p p - 1}$$

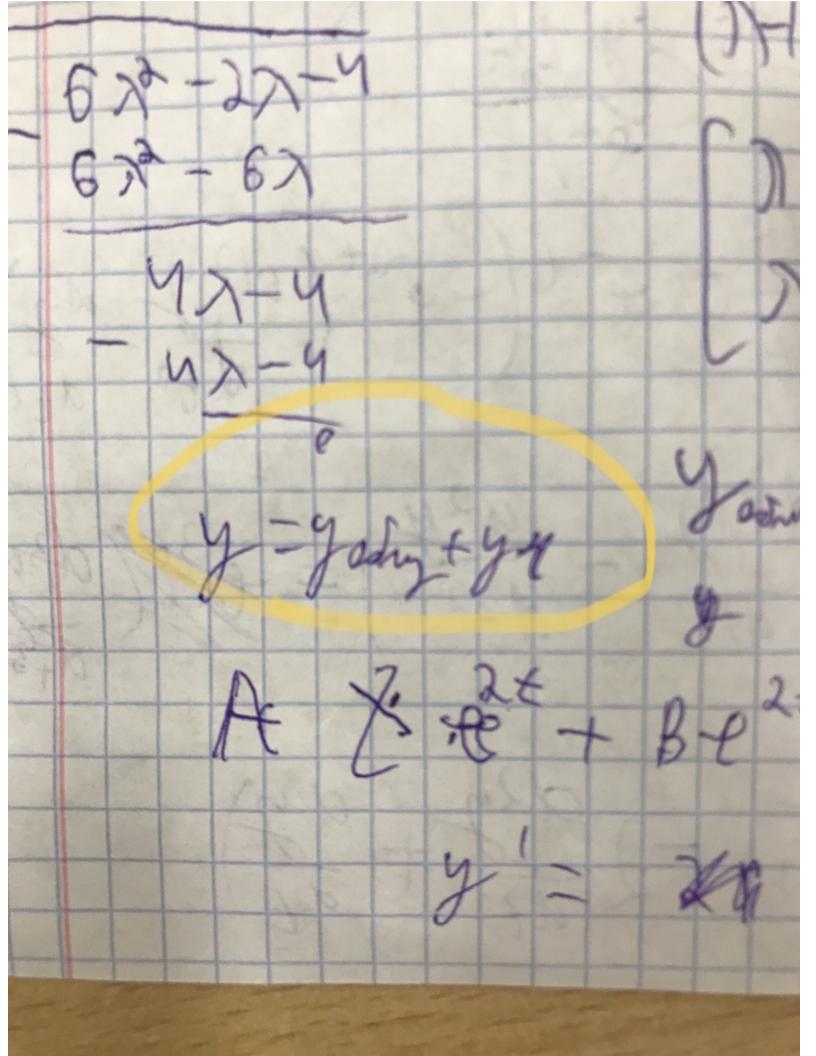
$$\frac{C^{1}}{2} = \frac{3}{2} p p - \frac{1}{2}$$

5/1/4 28/149 2) c (+94 · nractucosay sing 9 = x(a(y') - 9') + 2(y') = 4=6 y=x(ap2-p)+ap2 bqx=(ab=b)qx+x(db-1)qb+31bqb (3b-3b3)9X = X. (AB-1)9b+32b9b 1) y=0-pem. a) p=x: y+c=x+2->y=x+2-pem dp = x. 4p-1 = 35p = 2p(1-p) 1) \frac{qb}{qx} - x \cdot - x \frac{ab(b-t)}{db-t} $\frac{dx}{x} = \frac{1}{P-x}$ ·dx' = 1 (1 + 1) - 2 x = 2 (P + 1) - 2 en1x1=en10p |+ en10p-x |+ en | € X=C. 1p. 1p-I = c. 5p2-p 2) c! 17 17-1 +c (5pep) - x 2pa-p)2pa(12)

y"= 2 A e2+ + 2 A &2+ 4 4 + 482+ 9111 = 14 Ae2t + MALE + + 4 A e 2+ + 8 B e 2+ = 12 A e 2+ 8 A + e 2+ 88 24 12 A 2+ +8 A Le2+ +8 Be2+ £+81) + 20Ae2+ +20A+. e2+ 20Be2+--) Ae2t - 4 tAe2t +4Bet - 18t-2t+81et f. e2t: 12 8A+20A# -4A = 18 24A=18 A=3 12 A + 8B + 20A + 20B - 2A + 4B= 3+250× -81 30A + 32B=8 = 81-30 A 117 234 128

12 (p-2) = 2 MX Cax (p-2)= Cx p4. p-2 (12p 2 2 P (p-2)7 (P-2) 3





V/y=x(2y)2-y1)+21y13 y=p $pdx = dx(2p^2-p)+x(4p-i)dp+$ + 3 p = dp (2p-2p2)dx X (410-1) Alp +30 = $X'(2p-2p^2) - X(4p-1) = 3p =$ X'(2p-p2)-X(4p-1)=0 $(2p-p^2)\frac{dx}{dp} = \chi(4p-1)$ JX = S(4p-1)dp (2p-p2) n X = - 1 nxp - 7 ln 1 p2 1 + C(x)

- 2 dry + dy) +7 442 - et (18. met +8) - 4y= et (18+81) 2+52-27-412-123+522-25-9=0 172+674 -1(x2+6x+4)=0 = -3± 2/5 ex+(2e+25)x(3+25)x y-gady + yy = Be2t + + (e2+ + 2+

the end.