Mathematics Tasks 16/08/2023

Cometry buis 16.08.22 4. AC2= AB2 -BC2 ACZ = 82 - 52 = 64 - 25 = 39 D139 3. Contocus mabuly represented gligse nopollelouen pre elova presons

yrelion the OB = OA

0 (= OB OB = 15 , 2 - 3. 2 = 6 0:6 1. July 300 = 2 ; tin 300 = 1 1 2 7 3 AB AB 2 7 2 2 7 2 9 AB 24 0:4 15. AC=22 BC=21 / CACB=00 AD=? Cymen bee a yould They ro coulers

pela 180° COX 60205 AB = AC + BC - 20 AC 0 BC - Cos (cos) AD2 = 222 +272 - 2 . 22 . 2100,5 AB=4847.441-9240,5 AB= 925-462 AB = 463 $4, \left(\frac{5}{8}\right)^2 = \left(\frac{36}{25}\right)^2$ $\frac{5}{6} = \sqrt{\frac{36}{25}}$ 5 4 6 (3)× - (36) (51x - (6#2)2 6 4 5 -4 (=) = (=)4 0:-4

7.6x2+5=1 1. Eau 64 x, 3 8 Syple polen o morus y poble nue ne ucnaemuser, Jorga X # 0 u 64x.36x 16 2. Ille bugene X & reptous racin sucres. Be to more to Park y noc youngopolocia ofjugatenble nounu 6xx2+5 => x2+5>0. Ho proces et o y me c x - gosreple mysé ligryso grodé: Torgo: X < 0, tisse rese begrups gnase 6 x 2 7 5 = 1261x - 36x $6 \times 245 = 1$ $0^{1} \cdot 6^{n} = (a6)^{n}$

$$8^{2}+5 = \frac{1}{6}x$$

$$6^{2}+5 = \left(\frac{1}{6}\right)^{-6}x$$

$$4^{2}+5 = \left(\frac{1}{6}\right)^{-6}x$$

$$2^{2}+5 + 6x = 0$$

$$2^{2}+6x + 5 = 0$$

$$2^{2}+$$

11/3/2x-5 = 11/3/3 Eau a osoverere une una un Juno mucho Ny ma = Genera follution Solonie 1808ac y acolal acasacmeno co, To gute alpente of much 16 sepole monogenae bynanajosce: 0 < n < 1, y uoc be nocological verosimula; $2^3 > 2^2$, $vo(\frac{1}{2})^3 > 4(\frac{1}{2})^2$ re bepus jan lak que rucaen Menue 1 u Souveure 0 y me c pa-Seralt offwiener mungaen, kullenem the Torgo; 2x-5>3 $2x^{2}-8>0$ $2x^{2}-8=212x^{2}-41$ 2 x -41 = 2 (x+2)(x-2) Double nome u plumie upocho re my palen X+2 u X-2 gul Tow to viole

constle Cololores o, l'aposicenne X+2 =0 X-2=0 X2 = 2 $X_j = -2$ 0: X & (- 00 - 2) U 12 + 00) 77/3/×2 =1 X°= 1, sorpe $\left(\frac{3}{7}\right)^{\frac{\chi^2-2\chi}{2}} \geq \left(\frac{3}{7}\right)^0$ X - 2X C 0 X + 0 a x 24 Dupone une poremo docto delenna O giel Toro réposse mances gnoble reple leg 1066 u mire lesse nulargo see brevo enemer nouve parkents fo x - 2/ 20, yruitella e rio o l zna menarene Sorie na evanels

 $X(X-2) \neq 0$ $\chi - 2 \leq 0$ $\chi = 2$, no nommen To $\chi \neq 0$ TOK KOKBE(=) uZ 70 01 X € (0,27 18 . 3 · 3 2× + 11 - 3 × - 4 > 0 11 Men buguen 40 y soo reac der gle vegre relevers!

3 × 4 3 , yeurseibbe charicito cienens; (at) = arm une momen spegesabus 32x Kare (3x). Da elle eure une ghe mare a oguno postrema dagos u de le mono, Torgo nych 3x = y 34 + 11x - 4 >0 D= 1112-4.3.4= 121+ 48= 168 5763 = 13

X112 = -11+13 = -4(1,1= 2= 3(K2) X1 = - 4, X2 = 3 (414)14-3150 y & (-600, -4) y & (3,00) 4 < - 4 y > = = 3× < -4 3× > 1/2 3× < - 8 - 710 yenolice melarque ne u cono unisce you no seen youremed on X, & grancers 3 < - 4 -> X E 3× = 3-1=73-1= 31 3horeces X>-1 (=> X (-1, + 00) 0: X € (-1) + ∞)

12X+1) = 3 1. 32x+1-27 38-27 3 = 27 2×+1=4=3 11. 2.33x-7+27x-3=9x-1+2.32x-1 Uno egy a chocó cí ha crene nu (am, an = am+n or m-n 2.3x,3-1+27x.273=9x,9-1+2.32x,3-1 $2 - \frac{3^{3}x}{3^{1}} + \frac{27^{2}}{27^{2}} = \frac{9^{2}}{9} + 2 - \frac{3^{2}x}{3^{1}}$ Dower a nougyen charichto (ax) = axm $2.13x)^{3} + 13x)^{3} - 13x)^{2} + 2.13x)^{2}$ 3524- $3^2 = 9$ y = 38

2. 4 3 = 4 2 9 7 2 9 243 143 = y2 + 22 y2 Дом ножим все ка з права согоро-8. 2 3 19. 243 1943 1942 19242 3 + 3 = 3 + 3 - 3 + 3 -6y3+y3 = y + 6y2 7 y 3 = 7 y 2 / CANCEL7. y 3 = y 2 = 0 y 3 = y 2 = 0 y 2 (y - 1) = 6 y=0, y=1) ho npu y=1=3×=> => 3×21 le y ne resuces d'est na buse o, Tak kak tel alnem 1016pm e 40- en gra7 0

3 2 1 = 3 - 1, Pak kak Mosol ruais & cressum +10 1 Obber: 0 6, Uz onpe ge eller Junores! Tpulsoner - one gugourecho e pagnolingmoist no uno us, Ibulougae ca cyennos 3x ruenol. Snarut 7 junou bo go weel of 3 rullia 5 x2-x4+13-5)=6x2-x4+(=2/= 7 5 x2-x4-2 y na c pooles 3 riles, a zua rici Ofo Trucou.