Mathematics Marathon 31/07/2023 Tasks

IriaNGG and POIX-SIMPPLIFICATIONS 31.07.23 No 1,3,45,6 Nº 8 15, 20 10 0 - 184 / 5+ X)-No 6 Walle Marker Mark To A 1/6/2 3 260 X+ waynar but 221000, 92500 01000 3. Let lak cymew griob Treg 20 louise ble 200 palma 180% 8. 180 - 131+601 = 180-91 = 890

5- xy-5x+3y-15=(x-5)(x+3) 75.2 X y + 6 x - y - 3/ = 12x - 17 x + 3/ = 22xy+6x-y=3 20. 4x6-2x5-6x+3= =12x,-1,1(2x5-3)=4x6-8x5--4x6-6x-2x5+3, ad 4x6-2x5-6x+3 21, x2- x - 6 = (x+4)(x =(x +2/1x +3/ > tel pogsugut, Tak ken l'apeque une nous roch -2x or koro pod nom potoru re usolo bustes, To rue un poyum + X, buséo - X. (x-21(4+31 2 x +3x -2x = 6, Cibeg of a Aux no mymeno cerulpuis qualar 1X+211X-3/= X2 x3X +2X -6, cepulant quoin 6 mais 2 , nous roen hynerous pe zyuro-T 01 (X+21)X-31

6. $a^{2} - b^{2} + 12b - 36 = 2$ $2 a^{2} + 12b - 36 - b^{2} = 2$ 2 101 - b + 6 | 0 + b - 6 | 2 $a^{2} + ab - 6a - ab - b^{2} + 6b + 6a + 6b - 36 = 2$ $2 a^{2} - b^{2} + 12b - 36$