In Eppasia Duroppophiczpias L Il Eorn zéosepa onficia le ourseappives (xy, Z): 1: (3,4,4) B: (6,4,2) T: (8,5,2) 1: (7,3,7) a) $3AB = \sqrt{(6-3)^2+(4-4)^2+(2-4)^2} = \sqrt{3^2+0^2+(-2)^2} = \sqrt{13}$ (DAT = (10-6)2+15-4)2+12-12= 15 $dAS = \sqrt{(7-3)^2 + (3-4)^2 + (7-4)^2} = \sqrt{4^2 + (-1)^2 + 3^2} = \sqrt{26}$ DAT = V(8-3)7(4-4)2+(2-4)2 = V52+02+(-2)2 = V29 d BT = (8-6)2+(5-4)2+(2-2)2 = V22+12+02 = V5 d Bb = V(7-6)2+(3-4)2+(7-2)2 = V23(-1)2+52= V27 $d\Gamma\Delta = \sqrt{(7-8)^2 + (3-5)^2 + (7-2)^2} = \sqrt{-1)^2 + (-2)^2 + 5^2} = \sqrt{30}$ B) Anson A (3, 4, 4) and 20 0(90,0) 0 A= V32442492 = V4L aronon B (6,4,2) ari so 0(90,0) dB=V62+42+2= V56 Andorson $\Gamma(8,5,2)$ and so O(0,0,0) $d\Gamma = \sqrt{8^2 + 5^2 + 2^2} = \sqrt{93}$ Insoroan D (7,3,7) and to 060,0) DA= (+3+32+72 = 1207 DIn f=1: x'=fx y'=fy To A: (3,4,4) To B: (6,4,2) To C(8,5,2) To D: (7,3,5) $X' = \frac{3}{4}, y' = \frac{4}{4} - L \quad X' = \frac{6}{2} - 3, y = \frac{4}{2} - 2 \quad X' = \frac{8}{2} - 4, y' = \frac{5}{2} \quad X' = \frac{7}{4} - L, y' = \frac{7}{4} - \frac{7}{$ 27 April va Form k=4 n plipara

Fra A (3, 4, 4) zo 20 orphio Da sivar B' (24, 16, 8)

Fra F (8, 5, 2) zo 20 orphio Da sivar F' (32, 20, 8)

Fra F (8, 5, 2) zo 20 orphio Da sivar F' (32, 20, 8)

Fra F (8, 5, 7) zo 20 orphio Da sivar B' (28, 12, 28)

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