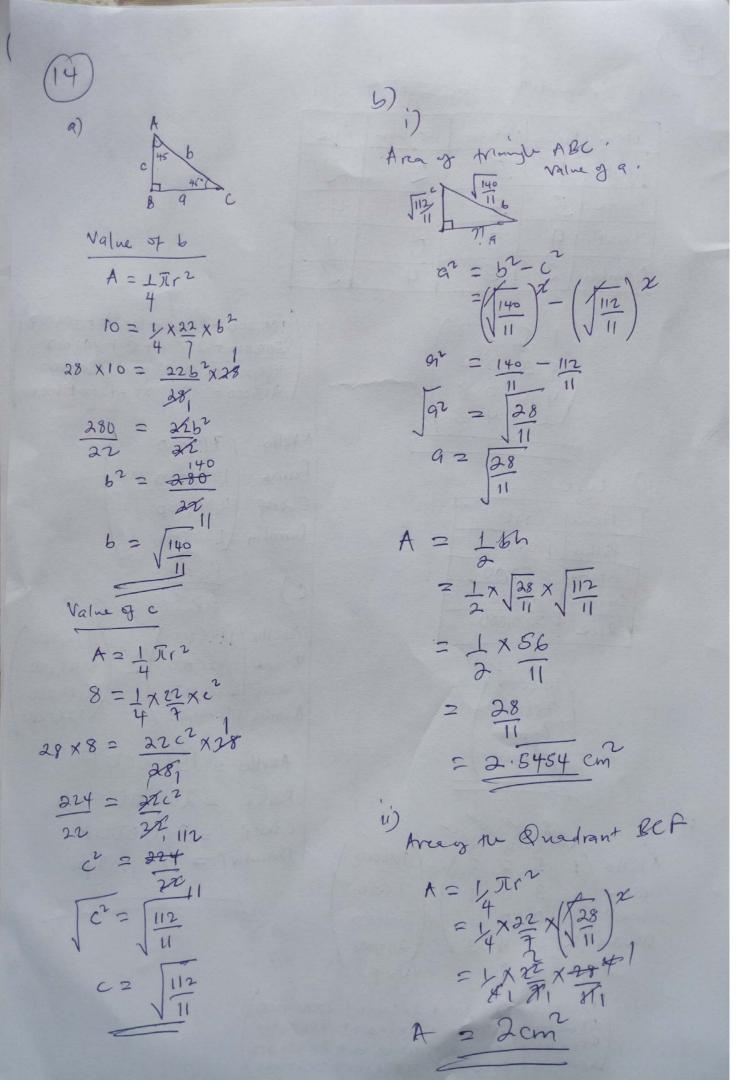


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(13)	
a) i) commodities	
I tem Posho Potatoes Sorghum	Rice
Akello 1 5 2	2
Baine 5 3 0	4
	8
	13
Damba 2 3 4	
1 (2)	100,000 + 375,000 + 120,000 + 400,000 500,000 + 225,000 + 0 + 800,000
152	i Fi d U i hold o
5304	1 400,000 + 225,000 + 240,000 + 600,000)
2343	
	1 Kello (995,000)
1) 1-1	Baine 1,525,000
ii) cot'	Cherop 2,000,000
I Hem Cost	Damba (1,265,000 /
Posho 100,000 Potatoes 75000	Profit
Sorghum 60,000	C) SIP CIP
21ce 200,000	Akello /1,4,5,000 \ /995,000 \
get ,	Baine 1,725,000 _ 1,525,000
(100,000)	Cherop 2,300,000 / 2,000,000
75,000	Damba 1,445,000/ 1,265,000/
80,000	Axello = 150,000 12
	Baine = 200,000 12
1 Kello (1 5 2 2) (150,000) Roune (5 3 0 4) (75,000)	Cherop = 300,000 #
b) Post & June 2 / 100,000) Dambe = 180,000 p
1 kello / 1 5 2 2 \ 760,000	180,000
Damba 2 3 4 3 60,000	
4x(4) (4)x 1	
(1×100,000+5x75,000+2x60,000+2x200,000)	
5x100,000 + 3x75000 + 0x60,000 + 4x200,000	
12x 100,000 + 3x 75000 + 0x 60,000 + 8x 200,000 / 2x 100,000 + 3x 75000 + 4x 60,000 + 3x 200,000	



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11) time spent to frame motor explict from the trading centre back Trading centre = 18 45 Home S= 30km/hr 8=45km/hr 1) 7:7 = 50min = 500 min = let the lost for loaves of breed be and the cot of salt be y' Home to Trading Centre 3x+2y=6200-(1)T_ = D/ S By mistake 2x + 3y = (620 - 400)2x+34 = 5800 -(11) Trading Count to Home T2 = 0/ 2 3x + 2y = 6200 T22 A/ 3 2x + 34 = 5800 6x+4y=12400 TITEZ = TIT 6x+9y=17400 D + D = 5/6 -Sy z-5000 M = 1000 45D+301 = 5/6 using equ (1) 1350 3x + 2y = 62003x +2(1000) = 6200 4980 2 6388 3x + 2000 = 6200 32 = 4200 X = 1400 D = 15km 1) aloaf of bread = Shs. 1400 11 a Kilogram of salt = 8h5, LOD

16)

ABC

$$T_1 = \begin{pmatrix} 2 & 1 \\ 1 & -2 \end{pmatrix}$$

A'B'C!

 $T_2 = \begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix}$

A'B'C

 $T_2 = \begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix}$

A'B'C

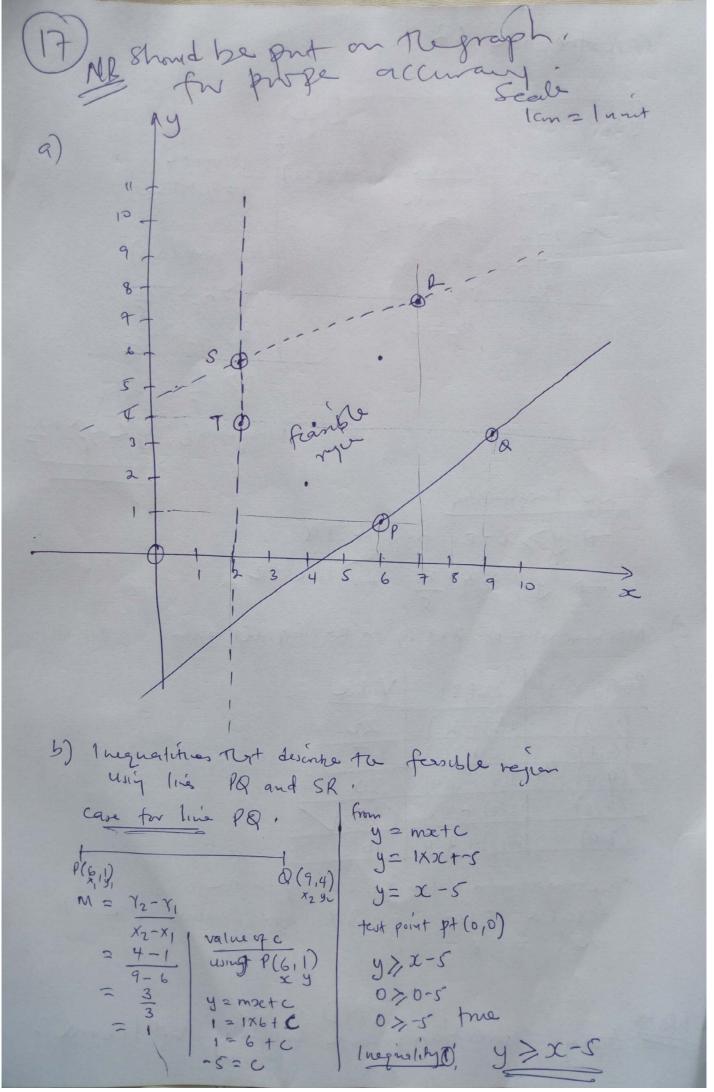
 $T_2 = \begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix}$

A'B'C

 $T_1 = \begin{pmatrix} 0 & -1 \\ 1 & 0 \end{pmatrix}$

A'B'C

Townshing that making that maps the order to the problem of the problem of



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Case for line SZ 2(7,8) x2 y2 S(2,6) (2,6) (x,y) (x,yralmoje why pt s(2,6) y= mx+c
y= 2/3/2+26 $\frac{28-6}{7-2} = \frac{3+0}{5-4}$ $= \frac{3+0}{5-4}$ $= \frac{3+0}{5-4}$ $= \frac{3+0}{5-4}$ $= \frac{3+0}{5-4}$ $= \frac{3+0}{5-4}$ test point (0,0) y>2/26+26 0>2/-(0)+26 07 26 (false Inequality 0; y < 2/2 + 26 Two Inequalities -p y> x-s for line Pa -> y L 3/x + 26 for line SP C) Maximum value of 2x+3y in the figurible region Point (x,y) 2x+3y Value 2(2) + 3(6) (9,4) (7,8) (2,4) 2(2)+3(4) The maximum value of 2xt 3y in the fersible region is 39 for values of x = 7 and y = 8 Note try corrections are highly welcome.