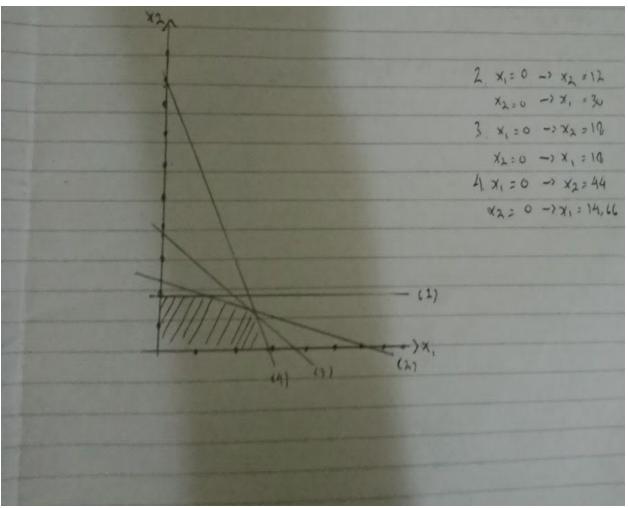
None: Demitries Roskhara RT

NIM: 123 190137

kelas: C

Maksimalkan  $Z = 2x_1 + x_2$ Batasan 1.  $x_2 \le 10$  2.  $2x_1 + 5x_2 \le 60$  3.  $x_1 + x_2 \le 19$  4.  $3x_1 + x_2 \le 44$ 



```
Titik Tenu
            XL = 10 (1)
. (2) 8 (2)
            24, 45×2060 (4)
            2x, +50=60
             2x, = 10
             ×2 = 5
 X, = 5
          , X2 = 10
           2+1+5x2=60(2)-124 =60-5x2 (=) X, =30-82x3-1(3)
. (2) & (3)
             x, 1x2 =19 (31 -> (30 - 1/2 x2) + x2 = 10 (= 7 60 - 5x2 +2x2 = 36
             <=> -5 x2 +2x2 = 36-60 4=> -3x2 = -24 (-> x2 = 8 ->(2)
             2x, +5x2 =60(2) -> 2x, +40 =60 (=> 2x, = 20 (=> x,=10
 X1= 10 .
           ×2= 8
. (3) & (4) X, +x2 =12 (3) -> x2 = 10 -x2 -> (4)
            3x, +x2 = 44 (4) -> 3x, + (18 -x1) = 44 (=) 2x, = 16 00
            4=1 x1=13-1 (3)
             x, +x2 =10 (3) -> 13 + x2 = 10 (=> x2 = 5
           x2 -5
 X1 = 13.
```

	(1 + X2	C 1112 3 1	
X,	X 2	Z	
0	0	0	
0	10	10	-
14,66	0	29,3	
5	10	20	
10	3	28	
13	5	31	