$$Z = 3x + 3y \rightarrow max$$

$$-2x + 3y \le 12 + s_1$$

$$x - 2y \le 2 + s_2$$

$$x - 3y \le 0 + s_3$$

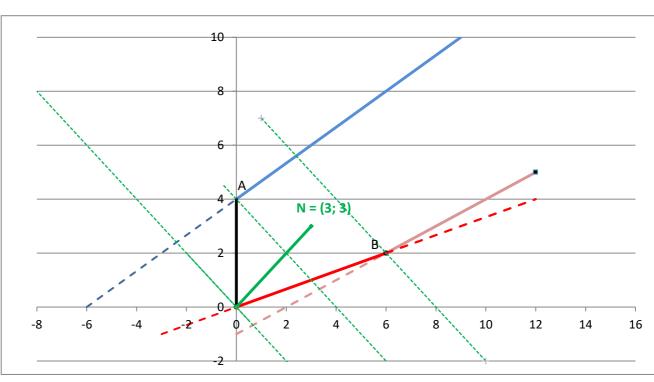
$$x, y \ge 0$$

$$Z = 3x + 3y + 0 \cdot s_1 + 0 \cdot s_2 + 0 \cdot s_3 \Rightarrow max$$

 $-2x + 3y + s_1 = 12$

$$x - y + s_2 = 2$$

$$x, y, s_1, s_2, s_3 \ge 0$$



							_		
	3	3	0	0	0				_
b.v.	Х	у↓	S ₁	S ₂	S ₃	BFS	Θ_{x}	Θ _γ	
← s ₁	-2	3	1	0	0	12	-	4	ΔZ _x :
S ₂	1	-2	0	1	0	2	2	-	ΔZ _y :
S ₃	2	-3	0	0	1	0	0	-	
Δj	-3	-3	0	0	0	<u>0</u>	Θ_{x}		-
У	- 2/3	1	1/3	0	0	4	-		
S ₂	- 1/3	0	2/3	1	0	10	-		
S ₃	0	0	1	0	1	12	-		
Δ_j	-5	0	1	0	0			_	
	$ \begin{array}{c} \leftarrow s_1 \\ s_2 \\ s_3 \\ \Delta_j \\ y \\ s_2 \\ s_3 \end{array} $	b.v. x $\leftarrow s_1$ -2 s_2 1 s_3 2 Δ_j -3 y -2/3 s_2 -1/3 s_3 0	b.v. x $y \downarrow$ $ \leftarrow s_1 -2 3$ $ s_2 1 -2$ $ s_3 2 -3$ $ \Delta_j -3 -3$ $ y -2/3 1$ $ s_2 -1/3 0$ $ s_3 0 0$	b.v. x y \downarrow S_1 \leftarrow S_1 -2 3 1 S_2 1 -2 0 S_3 2 -3 0 Δ_j -3 -3 0 y -2/3 1 1/3 S_2 -1/3 0 2/3 S_3 0 0 1	b.v. x y \downarrow s1 s2 \leftarrow s1 -2 3 1 0 s2 1 -2 0 1 s3 2 -3 0 0 Δ_j -3 -3 0 0 y -2/3 1 1/3 0 s2 -1/3 0 2/3 1 s3 0 0 1 0	b.v. x y \downarrow S1 S2 S3 \leftarrow S1 -2 3 1 0 0 S2 1 -2 0 1 0 S3 2 -3 0 0 1 Δ_j -3 -3 0 0 0 Y -2/3 1 1/3 0 0 S2 -1/3 0 2/3 1 0 S3 0 0 1 0 1	b.v. x y \downarrow S1 S2 S3 BFS \leftarrow S1 -2 3 1 0 0 12 S2 1 -2 0 1 0 2 S3 2 -3 0 0 1 0 Δ_j -3 -3 0 0 0 0 Y -2/3 1 1/3 0 0 4 S2 -1/3 0 2/3 1 0 10 S3 0 0 1 0 1	b.v. x y \downarrow s1 s2 s3 BFS Θ_x \leftarrow s1 -2 3 1 0 0 12 - s2 1 -2 0 1 0 2 2 s3 2 -3 0 0 1 0 0 Δ_j -3 -3 0 0 0 0 Θ_x y -2/3 1 1/3 0 0 4 - s2 -1/3 0 2/3 1 0 10 - s3 0 0 1 0 1 12 -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

BFS ₁ (0; 0; 12; 2; 0)

 $L_{v} = -(-3) \cdot 4 =$

_×=-(-3)·0 = 12