Basis	x_1	x_2	S_1	S_2	S_3	b_i
S_1	1.0	3.0	1.0	0.0	0.0	200.0
S_2	1.0	1.0	0.0	1.0	0.0	150.0
S_3	0.0	1.0	0.0	0.0	1.0	60.0
Z	-1.0	-2.0	0.0	0.0	0.0	0.0

Dual simplex stoppes, fordi alle $b_i \geq 0$ (basis er nu feasible).

Skifter til primal simplex, fordi basis er feasible, og vi nu optimerer objektivet.

Basis	x_1	x_2	S_1	S_2	S_3	b_i	**Ratio**
S_1	1.0	0.0	1.0	0.0	-3.0	20.0	66.67
S_2	1.0	0.0	0.0	1.0	-1.0	90.0	150.0
x_2	0.0	1.0	0.0	0.0	1.0	60.0	60.0
Z	-1.0	0.0	0.0	0.0	2.0	120.0	

Basis	x_1	x_2	S_1	S_2	S_3	b_i	**Ratio**
x_1	1.0	0.0	1.0	0.0	-3.0	20.0	20.0
S_2	0.0	0.0	-1.0	1.0	2.0	70.0	90.0
x_2	0.0	1.0	0.0	0.0	1.0	60.0	
Z	0.0	0.0	1.0	0.0	-1.0	140.0	

Basis	x_1	x_2	S_1	S_2	S_3	b_i	**Ratio**
x_1	1.0	0.0	-0.5	1.5	0.0	125.0	
S_3	0.0	0.0	-0.5	0.5	1.0	35.0	35.0
x_2	0.0	1.0	0.5	-0.5	0.0	25.0	60.0
Z	0.0	0.0	0.5	0.5	0.0	175.0	

Primal simplex stoppes, fordi z-rækken ikke har negative værdier (optimal løsning).

Basis	x_1	x_2	S_1	S_2	S_3	b_i
x_1	1.0	0.0	-0.5	1.5	0.0	125.0
S_3	0.0	0.0	-0.5	0.5	1.0	35.0
x_2	0.0	1.0	0.5	-0.5	0.0	25.0
Z	0.0	0.0	0.5	0.5	0.0	175.0

Table 1: Simplex-tableauer