Basis	x_1	x_2	x_3	S_1	S_2	S_3	b_i
S_1	1.0	1.0	1.0	1.0	0.0	0.0	11.0
S_2	30.0	15.0	45.0	0.0	1.0	0.0	300.0
S_3	40.0	80.0	120.0	0.0	0.0	1.0	820.0
Z	-120.0	-200.0	-260.0	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	x_3	S_1	S_2	S_3	b_i	**Ratio**
S_1	0.33	0.67	0.0	1.0	-0.02	0.0	4.33	11.0
x_3	0.67	0.33	1.0	0.0	0.02	0.0	6.67	6.67
S_3	-40.0	40.0	0.0	0.0	-2.67	1.0	20.0	6.83
Z	53.33	-113.33	0.0	0.0	5.78	0.0	1733.33	

Basis	x_1	x_2	x_3	S_1	S_2	S_3	b_i	**Ratio**
S_1	1.0	0.0	0.0	1.0	0.02	-0.02	4.0	6.5
x_3	1.0	0.0	1.0	0.0	0.04	-0.01	6.5	20.0
x_2	-1.0	1.0	0.0	0.0	-0.07	0.02	0.5	0.5
Z	-60.0	0.0	0.0	0.0	-1.78	2.83	1790.0	

Basis	x_1	x_2	x_3	S_1	S_2	S_3	b_i	**Ratio**
x_1	1.0	0.0	0.0	1.0	0.02	-0.02	4.0	4.0
x_3	0.0	0.0	1.0	-1.0	0.02	0.01	2.5	6.5
x_2	0.0	1.0	0.0	1.0	-0.04	0.01	4.5	
Z	0.0	0.0	0.0	60.0	-0.44	1.83	2030.0	

Basis	x_1	x_2	x_3	S_1	S_2	S_3	b_i	**Ratio**
x_1	1.0	0.0	-1.0	2.0	0.0	-0.03	1.5	180.0
S_2	0.0	0.0	45.0	-45.0	1.0	0.38	112.5	112.5
x_2	0.0	1.0	2.0	-1.0	0.0	0.03	9.5	
Z	0.0	0.0	20.0	40.0	0.0	2.0	2080.0	

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

Basis	x_1	x_2	x_3	S_1	S_2	S_3	b_i
x_1	1.0	0.0	-1.0	2.0	0.0	-0.03	1.5
S_2	0.0	0.0	45.0	-45.0	1.0	0.38	112.5
x_2	0.0	1.0	2.0	-1.0	0.0	0.03	9.5
Z	0.0	0.0	20.0	40.0	0.0	2.0	2080.0

Table 1: Simplex-tableauer