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	10.0
S_2	2.0	1.0	0.0	0.0	1.0	0.0	8.0
S_3	1.0	2.0	1.0	0.0	0.0	1.0	12.0
Z	-5.0	-3.0	-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	x_3	S_1	S_2	S_3	b_i	**Ratio**
S_1	0.0	0.5	1.0	1.0	-0.5	0.0	6.0	10.0
x_1	1.0	0.5	0.0	0.0	0.5	0.0	4.0	4.0
S_3	0.0	1.5	1.0	0.0	-0.5	1.0	8.0	12.0
Z	0.0	-0.5	-2.0	0.0	2.5	0.0	20.0	

Basis	x_1	x_2	x_3	S_1	S_2	S_3	b_i	**Ratio**
x_3	0.0	0.5	1.0	1.0	-0.5	0.0	6.0	6.0
x_1	1.0	0.5	0.0	0.0	0.5	0.0	4.0	
S_3	0.0	1.0	0.0	-1.0	0.0	1.0	2.0	8.0
Z	0.0	0.5	0.0	2.0	1.5	0.0	32.0	

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_3	0.0	0.5	1.0	1.0	-0.5	0.0	6.0
x_1	1.0	0.5	0.0	0.0	0.5	0.0	4.0
S_3	0.0	1.0	0.0	-1.0	0.0	1.0	2.0
Z	0.0	0.5	0.0	2.0	1.5	0.0	32.0

Table 1: Simplex-tableauer