	x1	x3	s1	s2	s3	s4	a1
g1	0	1	0	0	0	0	1
g2	1	1	1	0	0	0	0
g3	1	0	0	-1	0	0	0
g4	1	0	0	0	1	0	0
g5	0	1	0	0	0	1	0
F	22	-68	0	0	0	0	0
a1	0	0	0	0	0	0	1
a2	0	0	0	0	0	0	0

	x1	x3	s1	s2	s3	s4	a1
g1	0	1	0	0	0	0	1
g2	1	1	1	0	0	0	0
g3	1	0	0	-1	0	0	0
g4	1	0	0	0	1	0	0
g5	0	1	0	0	0	1	0
F	22	-68	0	0	0	0	0
a1	0	-1	0	0	0	0	0
a2	-1	0	0	1	0	0	0

Ra1 - R1
Ra2 - R3

	x1	x3	s1	s2	s3	s4	a1
g1	0	1	0	0	0	0	1
g2	0	1	1	1	0	0	0
g3	1	0	0	-1	0	0	0
g4	0	0	0	1	1	0	0
g5	0	1	0	0	0	1	0
F	0	-68	0	22	0	0	0
a1	0	-1	0	0	0	0	0
a2	0	0	0	0	0	0	0

R2 - R3

R4 - R3

RowF - R22*R3

Rowa2 + R3

Eliminate a2

	x1	x3	s1	s2	s3	s4	a1
g1	0	1	0	0	0	0	1
g2	0	1	1	1	0	0	0
g3	1	0	0	-1	0	0	0
g4	0	0	0	1	1	0	0
g5	0	1	0	0	0	1	0
F	0	-68	0	22	0	0	0
a1	0	-1	0	0	0	0	0

	x1	x3	s1	s2	s3	s4	a1
g1	0	1	0	0	0	0	1
g2	0	0	1	1	0	0	-1
g3	1	0	0	-1	0	0	0
g4	0	0	0	1	1	0	0
g5	0	0	0	0	0	1	-1
F	0	0	0	22	0	0	68
a1	0	0	0	0	0	0	1

R2 - R1
R3
R4
R5 - R1
RowF + 68*R1
Rowa1 + R1

Eliminate a1

	x1	x3	s1	s2	s3	s4	
g1	0	1	0	0	0	0	=
g2	0	0	1	1	0	0	=
g3	1	0	0	-1	0	0	=
g4	0	0	0	1	1	0	=
g5	0	0	0	0	0	1	=
F	0	0	0	22	0	0	=

x1	0.5		
x3	0.5	x2	-2
s1	1.5		
s2	0		
s3	1		
s4	0.5		
F	82		

a2		b
0	=	0.5
0	=	2.5
1	=	0.5
0	=	1.5
0	=	1
0	=	f-105
0	=	w1
1	=	w2

a2		b
0	=	0.5
0	=	2.5
1	=	0.5
0	=	1.5
0	=	1
0	=	f-105
0	=	w1-0.5
0	=	w2-0.5

a2		b
0	=	0.5
-1	=	2
1	=	0.5
-1	=	1
0	=	1
-22	=	f-116
0	=	w1-0.5
1	=	w2

	b
=	0.5
=	2
=	0.5
=	1
=	1
=	f-116
=	w1-0.5

	b
=	0.5
=	1.5
=	0.5
=	1
=	0.5
=	f-82
=	w1

b
0.5
1.5
0.5
1
0.5
f-82