



LP Relaxation	x1	x2	LHS	RHS
Variable values	1.181818	1.509091		
Obj. Fun Coeff	4	3	z =	9.254545
const1 Coeff	5	10	21 <=	21
const2 Coeff	8	5	17 <=	17

Sub-problem 1	x1	x2	LHS	RHS
Variable values	1	1.6		
Obj. Fun Coeff	4	3	z =	8.8
const1 Coeff	5	10	21 <=	= 21
const2 Coeff	8	5	16 <=	= 17
const3 Coeff	1	0	1 <	= 1

Sub-problem 2	x1	x2	LHS		RHS
Variable values	1	1			
Obj. Fun Coeff	4	3	Z	=	7
const1 Coeff	5	10	15	<=	21
const2 Coeff	8	5	13	<=	17
const3 Coeff	1	0	1	<=	1
const4 Coeff	0	1	1	<=	1

Sub-problem 3	x1	x2	LHS		RHS
Variable values	0.2	2			
Obj. Fun Coeff	4	3	Z	=	6.8
const1 Coeff	5	10	21	<=	21
const2 Coeff	8	5	11.6	<=	17
const3 Coeff	1	0	0.2	<=	1
const4 Coeff	0	1	2	>=	2

Sub-problem 4	x1	x2	LHS		RHS
Variable values	2	0.2			
Obj. Fun Coeff	4	3	Z	=	8.6
const1 Coeff	5	10	12	<=	21
const2 Coeff	8	5	17	<=	17
const3 Coeff	1	0	2	>=	2

Sub-problem 5	x1	x2	LHS		RHS
Variable values	2.125	0	21.13		11.10
Obj. Fun Coeff	4	3	Z	=	8.5
const1 Coeff	5	10	10.625	<=	21
const2 Coeff	8	5	17	<=	17
const3 Coeff	1	0	2.125	>=	2
const4 Coeff	0	1	0	<=	0

Sub-problem 6	x1	x2	LHS	RHS
Variable values	0	0		
Obj. Fun Coeff	4	3	Z	= 0
const1 Coeff	5	10	0	<= 21
const2 Coeff	8	5	0	<= 17
const3 Coeff	1	0	0	>= 2
const4 Coeff	0	1	0	>= 1

Sub-problem 7	x1	x2	LHS		RHS
Variable values	2	0			
Obj. Fun Coeff	4	3	Z	=	8
const1 Coeff	5	10	10	<=	21
const2 Coeff	8	5	16	<=	17
const3 Coeff	1	0	2	>=	2
const4 Coeff	0	1	0	<=	0
const5 Coeff	1	0	2	<=	2

Sub-problem 8 Variable values	x1	x2	LHS		RHS
Obj. Fun Coeff	4	3	Z	=	0
const1 Coeff	5	10	0	<=	21
const2 Coeff	8	5	0	<=	17
const3 Coeff	1	0	0	>=	2
const4 Coeff	0	1	0	<=	0
const5 Coeff	1	0	0	>=	3