

Q1

	Y1	Y2	Total	
Decision Variables	2.333333	0		
Contribution	10	-15	23.33333	
Constraint 1	1	-4	2.333333	3
Constraint 2	1	1	2.333333	5
Constraint 3	3	-2	7	7
Constraint 4	-3	2	-7	-7

Solver Results



Solver could not find a feasible solution.

☒ Keep Solver Solution

☐ Restore Original Values

Reports

Feasibility

Feasibility-Bounds

☐ Return to Solver Parameters Dialog

☐ Outline Reports

OK

Cancel

Save Scenario...



Solver could not find a feasible solution.

Solver can not find a point for which all Constraints are satisfied.

Q1

	X1	X2	X4	X5	Total	
Decision Variables	5	5	0	0		
Contribution	3	5	7	-7	40	
Constraint 1	1	1	3	-3	10	10
Constraint 2	-4	1	-2	2	-15	-15

Solver Results



The Objective Cell values do not converge.

☒ Keep Solver Solution

☐ Restore Original Values

Reports

☐ Return to Solver Parameters Dialog

☐ Outline Reports

OK

Cancel

Save Scenario...

The Objective Cell values do not converge.



Solver can make the Objective Cell as large (or small when minimizing) as it wants.

Q2

	X1	X2	X3	Total	
Decision Variables	6	0	10		
Contribution	8	10	5	98	
Constraint 1	1	0	-1	-4	4
Constraint 2	2	4	0	12	12
Constraint 3	1	2	1	16	2
Constraint 4	3	2	-1	8	8

DUAL

	Y1	Y2	Y3	Y4	Total	
Decision Variables	0	0	10	0		
Contribution	4	12	2	8	20	
Constraint 1	1	2	1	3	10	8
Constraint 2	0	4	1	2	10	10
Constraint 3	-1	0	1	-1	10	5

Q3

	Y1	Y2	Y3	Total	
Decision Variables	0	0	0		
Contribution	5	6	4	0	
Constraint 1	3	-4	6	0	9
Constraint 2	1	-3	2	0	5
Constraint 3	-7	-2	1	0	-10
Constraint 4	1	2	4	0	4
Constraint 5	2	-5	-3	0	3

Solver Results

×

Solver could not find a feasible solution.

☒ Keep Solver Solution

☐ Restore Original Values

Reports

 Feasibility

 Feasibility-Bounds


☐ Return to Solver Parameters Dialog

☐ Outline Reports

OK

Cancel

Save Scenario...



Solver could not find a feasible solution.

Solver can not find a point for which all Constraints are satisfied.

Q4

	X1	X2	Total	Max
Decision Variables	2	6		
Contribution	1	0.5	5	
Constraint 1	6	2	24	24
Constraint 2	3	2	18	18
Constraint 3	1	3	20	12