

- $$r - 2s \geq 0;$$

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3. A table showing the value of the objective function at each vertex.

r	s	answer
0	0	0
3000	0	3000
2000	1000	3500

4. The solution to the linear program giving the number of pints of the two types of beer that Moe should buy to achieve the maximum possible profit, as well as that maximum profit.

r	s	solution
2000	1000	3500