

JPS # lpp solution with R

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library(MASS)
library(lpSolve)

objective.in = c(25,30,35)
const.mat = matrix(c(7,2,6,11,8,1,3,6,7), nrow=3, byrow=TRUE)
const.dir = c(">=", ">=", ">=")
const.rhs = c(6,-1,3)
optimum = lp(direction="min", objective.in, const.mat, const.dir, const.rhs)
optimum
```

Success: the objective function is 22.74194

```
fractions(optimum$solution)
```

[1] 24/31 0 3/31