

```
library(lpSolveAPI)
x <- read.lp("constraints.lp")
solve(x)
```

```
## [1] 0
```

```
get.objective(x)
```

```
## [1] 225
```

```
get.variables(x)
```

```
## [1] 0 0 15 25 0 0 0
```

The ideal solution has no production of 1 and 2, and 15 units of 3. Despite the cost of in bedded cost of hiring 25 extra staffers, it is still the most cost effective solution.