

```
>> prob3
```

```
-----part d)-----
```

```
A =
```

0.33	0.25	0.00	0.25	0.00	0.00	0.00	0.00	0.00
0.33	0.25	0.33	0.00	0.20	0.00	0.00	0.00	0.00
0.00	0.25	0.33	0.00	0.00	0.25	0.00	0.00	0.00
0.33	0.00	0.00	0.25	0.20	0.00	0.33	0.00	0.00
0.00	0.25	0.00	0.25	0.20	0.25	0.00	0.25	0.00
0.00	0.00	0.33	0.00	0.20	0.25	0.00	0.00	0.33
0.00	0.00	0.00	0.25	0.00	0.00	0.33	0.25	0.00
0.00	0.00	0.00	0.00	0.20	0.00	0.33	0.25	0.33
0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	0.33

```
y0 =
```

```
0
1200
0
0
0
0
0
0
0
0
```

```
x1 =
```

```
0.2684
0.3578
0.2683
0.3578
0.4472
0.3578
0.2683
0.3577
0.2683
```

```
sol =
```

```
109
145
109
145
182
145
109
145
109
```

```
hours = 21
```

```
>>
```