

Queue Analysis (Multistation Service Facility) (QAM)

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Assumptions

Average Number of Arrivals per Hour:
Average Service Capacity per Hour:
Number of Service Stations:

Solutions

Idle Time Percentage:
Utilization Percentage:
Average Service Time:
Expected Number in Queue:
Average Wait in Queue:

Instructions

- 1) Enter Assumptions Goto A10
- 2) Recalculate by typing F-9
- 3) Save by typing {alt-s}
- 4) Print by typing {alt-p}

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1
2
3
4
5
6
7
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12
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14
15
16
17
18
19
20
21
22
23
24
25

Sheet 1.1

75
30
3

Sheet 2.1

4.49%
95.51%
2.00 minutes
4
3 minutes

Sheet 3.1

1	2.5
2	3.125
6	0
24	0
120	0
720	0
5040	0
40320	0
362880	0
3628800	0
39916800	0
479001600	0
6227020800	0
87178291200	0
1307674368000	0
20922789888000	0
355687428096000	0
6402373705728000	0
1.21645100408832E+017	0
2.43290200817664E+018	0
5.10909421717094E+019	0
1.12400072777761E+021	0
2.5852016738885E+022	0
6.2044840173324E+023	0
1.5511210043331E+025	0
	5.625

Sheet1

```
\0 {goto}a1~  
/fccemaclib~  
/rnlraa10..aa2048~  
{goto}ai1~/wcs8~  
{goto}aj1~/wcs1~  
{home}  
  
\s /xfqam~page~r
```