

Sheet1

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
8
9
10
11
12
13
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 |
| 6.20448401733239E+023 | 0 |
| 1.5511210043331E+025 | 0 |
| | 5.625 |

Sheet1

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