Time and Rate

1. Production Flow Issues

Golution 1. Production Flow Issues

$$\frac{1}{p} = 100 \text{ parts}$$
A

$$\frac{1}{1+3\times\frac{1}{10}} = \frac{1}{1.3} = 0.77 \times 100 = 77 \text{ parts/day.}$$

$$\widehat{B} = \frac{1}{1 + 4 \times \frac{1}{10}} = 0.71 \times 100 = 71 \quad \text{if}$$

$$\bigcirc \frac{10}{11} = 0.91$$

b1 grows because section B) is a bootle neck
by 77-71 = 6 parts/day
b2 b2 lould be estimated from MMI quelle
assumption: provided rates are distributed in poneu hail, then

for WM/1
$$L = \Lambda W$$

$$W = \frac{1}{\mu - \Lambda}; L = \frac{\Lambda}{\mu - \Lambda} = \frac{71}{91 - 71} = \frac{71}{20} = 3.55 \text{ pants}$$

assumption would need to be tested

Solution 2. TPS Cell

- here we are treating thins

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 System as deterministic

 There we are treating thins

 There we are the culting insert must be replaced. Then machine time for machine time fixery and the fixery parts

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3. Output of photovoltaic (PV) system in cloudy location.

OPIC:	DATE:
LE UNDER: Systems Hon	nework 3. PV system
PV out put	owny 1 hr 1000W/m² x.2= 200
of radiated power	light clouds 30 mir 500 W/m² x.2 = 100
	dark clouds 10mm 100 W/m² x.2 = 20
	100 min
	are power $200 \times \frac{60}{100} + 100 \times \frac{30}{100} + 20 \times \frac{10}{100}$
	120 + 30 + 2 = 152 W/m ²

The day and night average would be 152/2 = 76 W/m2.