

A B C a = 5, b = 5

Given that the average customers per hour is 4,

The probability that 1 customer comes within the next hour is 0.073263.

The probability that 2 customers comes within the next hour is 0.146525.

The probability that 3 customers comes within the next hour is 0.195367.

The probability that 4 customers comes within the next hour is 0.195367.

- 2 + 2 = 4

- awet

- safda

- sdf

1. 3 + 3 = 6

2. asdf

3. safda

4. sdf

$$P(0 \leq S \leq \frac{5}{2}) = \int_0^{\frac{5}{2}} \frac{1}{2} \cdot \frac{4s^2}{625} ds = 5$$

$$SP=PS$$

$$1+\frac{1}{2}+\frac{1}{4}+\frac{1}{8}+\frac{1}{16}+\ldots=2$$

$$\frac{1}{2}\cdot\frac{1}{2}\cdot\ldots=0=\frac{1}{\infty}$$

$$\sum_{i=1}^5 i^2 = 1^2 + 2^2 + 3^2 + 4^2 + 5^2$$

$$= 1 + 4 + 9 + 16 + 25 = 55$$

$$\prod_{i=1}^5 i = 5! = 1 \cdot 2 \cdot 3 \cdot 4 \cdot 5 = 120$$

$$\frac{1}{2} + \frac{1}{3} + \frac{1}{4} \approx 1.08333$$

1	2	3	4
5	6	7	8
1	2	3	4
5	6	7	8

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def f(n):
if n <= 0:
return 1

return n * f(n - 1)

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