## Piyush Chandra Chandra

$$\begin{array}{l} = \frac{2}{37} + 31 + 341 - 414 = C \\ = \frac{2}{37} + 31 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} - 414 + 341 - 414 = C \\ = \frac{2}{37} -$$

2) 
$$(x^{2}-2my+3)^{2}$$
  $N = hy^{2}+6my-x^{2}$ 
 $N = x^{2}-2my+3$ 
 $N = hy^{2}+6my-x^{2}$ 
 $\frac{SN}{Sy} = 6y-2m$ 
 $\frac{SN}{Sy} = 6y-2m$ 
 $\frac{SN}{Sy} = \frac{SN}{Sx}$ 
 $P = \int N dx = \int (x^{2}-2my+3)^{2} dx$ 
 $= \frac{x^{3}}{3}-n^{2}y+3y^{2}$ 
 $N - \frac{SP}{Sy} = hy^{3}+6y-x^{2}+x^{2}-6xy=4y^{3}$ 
 $P + \int (N - \frac{SP}{Sy}) dy = e = \int \frac{x^{3}}{3}-n^{2}y+3y^{2}m+\int f(x^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+x^{2}+3y^{2}-x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x^{2}+x$ 

So 
$$(1+e^{\frac{x}{h}}) dx + e^{\frac{x}{h}} (1-\frac{x}{h}) dy = 0$$
 $M = 1+e^{\frac{x}{h}}$ 
 $N = e^{\frac{x}{h}} (1-\frac{x}{h})$ 
 $SN = e^{\frac{x}{h}} (-\frac{x}{h})$ 
 $SN = e^{\frac{x}{h}} (-\frac{x}{h})$ 
 $SO, \frac{SN}{SN} = e^{\frac{x}{$ 

1. 11 = \(\text{0.1k}\) dx

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1. 11 = \(\text{0.1k}\) dx

1. 12 = \(\text{0.1k}\) e \(\text{0.1k}\) dx

1. 12 = \(\text{0.1k}\) dx

1. 13 = \(\text{0.1k}\) dx

1. 14 = \(\text{0.1k}\) dx

1. 14 = \(\text{0.1k}\) dx

1. 12 = \(\text{0.1k}\) dx

1. 13 = \(\text{0.1k}\) dx

1. 14 = \(\text{0.1k}\) dx

1. 15 = \(\t

11) Solve: 
$$\frac{dy}{dn} + my = ny + 1$$
 $\frac{dy}{dn} + my = my + 1$ 
 $\frac{dy}{dn} + my + my + 1$ 
 $\frac{dy}{dn$ 

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Q. The number of backnia in a yeart culture grows at a nate which is proportional to the number of population of colony triples in is proportional to the number of bacterial at the end of 5 hours -> (det) P = population t > time (hours)

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\frac{dP}{dt} \times P \Rightarrow \frac{dP}{dt} = kP
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