$$0 = 2$$

$$6 = 4$$

$$\begin{cases} \chi = e^{7t} & \text{find } \gamma = f \infty \\ \gamma = e^{3t} & \text{In } \gamma = 3t \end{cases}$$

$$|n \times = 7t & \text{In } \gamma = 3t$$

$$\frac{\ln x}{7} = 6$$
  $\frac{\ln y}{3} = 6$ 

$$\frac{\ln x}{7} = \frac{\ln y}{3}$$

$$\frac{3}{7} \ln x = \ln y$$

$$e^{\frac{3}{7} \ln x} = y$$

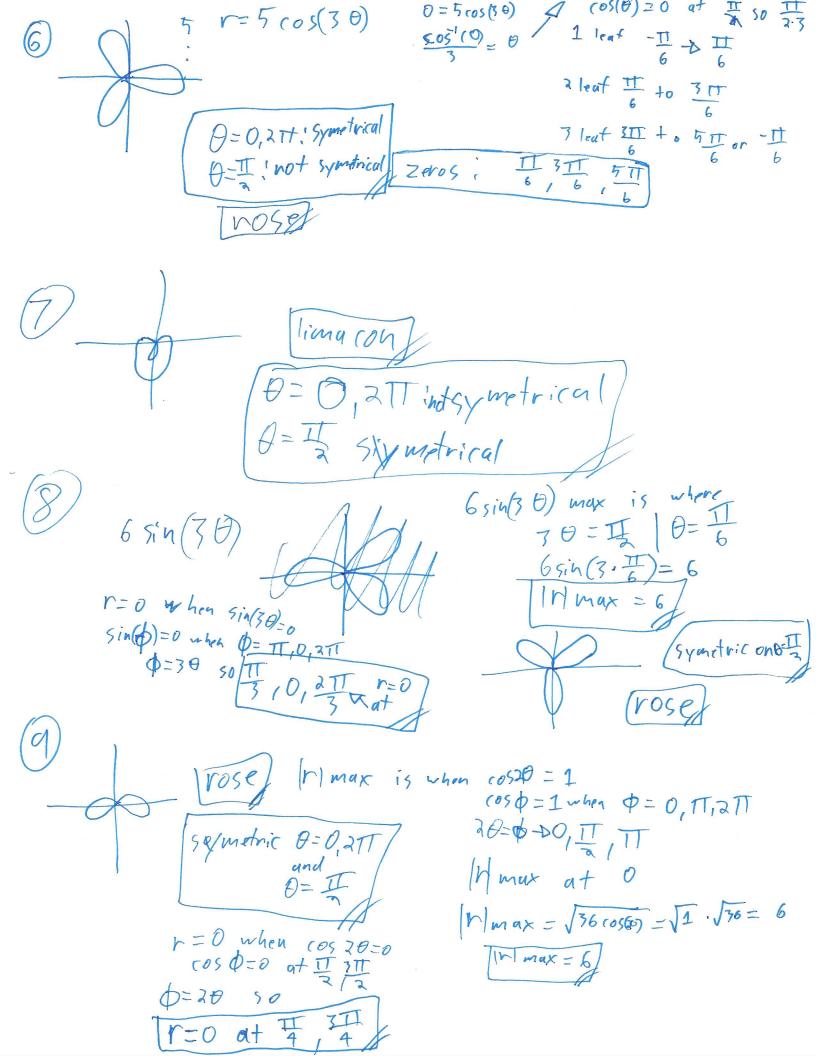
$$\frac{\left(e^{\ln x}\right)^{\frac{3}{7}}=\gamma}{x^{\frac{3}{7}}=\gamma}$$

$$P_{x3} = 3^3 - 4 \cdot 3^3 + 1 = 16$$
  
 $P_{y3} = 3^3 - 5 \cdot 3^2 + 8 = 20$ 

$$\sqrt{x_3} \ 3 \cdot 6^2 - 4 \cdot 2 \cdot 6 + 1 \cdot 0 = 36^2 - 96$$
 $\sqrt{y_3} \ 3 \cdot 6^2 - 5 \cdot 2 \cdot 6 + 8 \cdot 0 = 36^2 - 106$ 
 $3 \cdot 3^2 - 8 \cdot 3 = 3$ 

$$\int_{3}^{3} \sqrt{V_{y3}^{3} + V_{x3}^{3}} = \int_{3}^{3} \sqrt{10t}$$

$$x(3) = 16$$
  
 $y(3) = 20$   
 $dx(3) = 3$   
 $dx(3) = -3$   
 $dx(3) = -1$   
 $dx(3) = -1$   
 $dx(3) = -1$   
 $dx(3) = -1$ 



$$\int_{a}^{b} \sqrt{f(x)^{2} + f'(x)^{2}} \qquad \int_{0}^{2\pi T} \sqrt{(g_{c}^{20})^{3} + (16e^{20})^{2}} = \int_{0}^{2\pi T} \sqrt{64e^{40} + 16^{3}e^{40}} \\
= \int_{0}^{3\pi T} \sqrt{(64+163)e^{40}} = \int_{0}^{2\pi T} e^{2\pi U} \sqrt{64+163} \\
= \sqrt{64+16^{3}} \left( \frac{e^{2\pi U}}{2} \right) \sqrt{64+164}e^{2\pi U} = \sqrt{64+16^{3}}e^{2\pi U} = \sqrt{64+16^{3}}e^{2\pi$$

$$V = 4 \sin (5 \theta) \qquad \text{area of 1 leaf}$$

$$0 = 4 \sin (5 \theta)$$

$$0 = 5 \sin (5 \theta)$$

$$0 = 6 \sin$$

= (4 sik5 θ) dθ