2/3 NZ N1 > palneme rapadoum : YA) = a x2 + 6 x + C Ymody rainen co-apopuyuring, mgo punn 16 cumeny  $\begin{cases} 2 = a \cdot (1)^{2} + b \cdot 1 + t \\ 10 = a(3)^{2} + b \cdot 3 + t \end{cases} = \begin{cases} 2 = a + b + t \\ 10 = 9a + 3b + t \end{cases} = \begin{cases} a = 2 - b - t \\ 10 = 9[2 - b - c] + 3b + t \\ 1 = 25a + 5b + t \end{cases} = \begin{cases} 1 = 25(2 - b - c) + 5b + t \\ 1 = 25(2 - b - c) + 5b + t \end{cases}$  $\begin{array}{c} - > \begin{cases} a = 2 - 6 - C \\ b = \frac{4}{3} - \frac{4}{3}C \\ 0 = 49 - 20\left(\frac{9}{3} - \frac{4}{3}C\right) - 24C \end{array} \qquad \begin{array}{c} a = 2 - 8 - C \\ 8 = \frac{4}{3} - \frac{4}{3}C \\ 0 = 49 - \frac{80}{3} + \frac{80}{3}C - \frac{24}{3}C \end{array}$  $\begin{array}{c} z = z - 6 - c \\ b = \frac{4}{3} - \frac{4}{3}( z ) \\ c = -\frac{67}{8} \end{array} \qquad \begin{array}{c} a = z - \frac{75}{6} + \frac{67}{8} \\ c = -\frac{67}{8} \end{array} \qquad \begin{array}{c} a = z - \frac{51}{8} \\ c = -\frac{67}{8} \end{array}$  $y = -\frac{51}{29} \times 2 + \frac{75}{6} \times -\frac{67}{8} - > omber$ 

N2 Tlycoms XX - wynor "benjermbo organjob; y m - ber organjob npm smopom byburnbanna

188. 700 m - 100% = [100 - 99] %. (99% - gand togm)

× = 1m

x = 1m  $2by6 \frac{x}{y} + 100\% = (100 - 98)\%$  (98% - 9am bogn) = 50 m (98% - 9am bogn) = 50 m (98% - 9am bogn) = 50 m

1) 
$$2^{x} = 256$$
,  $x = 9$ 

2)  $2^{x} = 300$ ;  $109_{2}30^{0} = x$ ,  $109_{2}(y - 76) = x$ ;  $2 + 109_{2}75 = x$ ;  $x \ge 1/24$ 

3)  $109_{1} = 2^{8x - 1} = y$ 
 $109_{2} \ge 2^{1x - 1} = y$ 
 $10$ 

8)  $\log_{25}5 = \log_{52}5 = \frac{2}{2}$ 9)  $\log_{3}\sqrt{27} = \log_{3}(3)\frac{3}{2} = \frac{2}{3}$ 10)  $\log_{2}12 - \log_{2}3 = \log_{2}\frac{12}{3} = \log_{2}\frac{3}{2} = \frac{3}{2}$ 11)  $\log_{6}12 + \log_{6}3 = \log_{6}31 = 2$ 72/ 8 h5 = 5 6) log 4 16 = 1 2 7) log 5 25 = log 5 5 = log 5 52 = -2 log 55 = -2

13) 1092225 - 109225 - 10925 - 10925 - 1092152 - 169215=2 74) 109 432 + 109 97 10 = 109 22 28 + 109 10-1 10 = 5-1= 3 75) 9 1093 15 = 3 210925 2 = 3 10935==5