Assignment 14: Due Mon Nov 13th Suppose

$$\log_5(a) + \log_5(b^2) = -91$$

$$\log_5(b) + \log_5(a^2) = 103$$

A=logs (a) B=logs(b)

$$\log_5(u) + 2 \cdot \log_5(b) = -91$$

 $\log_5(b) + 2 \cdot \log_5(a) = 103$

B=103-ZA

A+2(103-2A)=-91 A+206-4A=-91 -3A+206= -a1 -3A=-297 A=99 L095 a= 99 a=599

1345(00)=103 B+108-103 B= -95 Log 5 b = -95