Math 418

Nov, 24

Exam 3 (a. 10981(\$13) > 81 = \$15, 815x = \$15, \$10981(\$) = x, [x=-4] b.  $\log_{125}(5) \Rightarrow |25 = 5|_{X = \frac{7}{3}}$ 2. r = 1  $\sqrt{\sqrt{3}} (\sqrt{3}) + (\sqrt{4})^3 \frac{|2JI|}{|2|} + \frac{2JI}{|2|} + \frac{3JI}{|2|} =$ Sin > VI, CSC + -2 or 3 4. CSCO CO COTO = 12 (COSO =? Sin (COSO) (12) Sin (COSO = 12 Sin (COSO) + 144 sin (COSO) = 1, (cos 0 = (25:00) ) 49 (445:00 = 49 - 495:00 ) (495:00 ) + 490;000 + 495:00 0 (495:00 ) 5 (  $7\cos\theta = |25; n\theta| (o5^{2}\theta + \frac{49}{194} \cos^{2}\theta = |0|),$   $-12 |12| (99/49) (o5^{2}\theta) = (1-\cos^{2}\theta) \ln 4$   $49\cos^{2}\theta = 149 - 144\cos^{2}\theta |195\cos^{2}\theta| 199$   $\cos^{2}\theta = 12099 |128| (95)$   $\cos^{2}\theta = 12099 |128| (95)$ 5, Alle x + y = 17 (24+) + (e 2+) = 1 = (e4+)(e4+) + (e2+)(e2+) =  $\frac{\ln(1) + \ln(1) = 4t}{\ln(1) = 4t}, \frac{\ln(1) = 4t}{\ln(1) = 4t}, \frac{t = 0.5 \text{ lin}}{t = 0.5 \text{ lin}}$   $\frac{\log_{10} \log_{10} \log_{10$ 6a (x)= 3(27x), y=log6(f(x)) > log6(3) + log6(27x)=y= y= 7x log6(2) + log6(3) (m=7log6(2), b=log6(3) b. logs(x)+logs (xx-2)=17 logs (x2-2x)=17 logs 5= x-2x x-2x-5=0 a=1,6=-2, (=-5 2±1/4-4(1)(-3)