exist section 04

exist section starts mext weeks

2.4#3

f(x) = y g(3) = 4.5

2.4#59

$$(x) = \begin{cases} x^{-1}, & x < -1 \\ x - 1, & x > \frac{1}{2} \end{cases}$$
 $x = -1: -\alpha + 5 = -1$
 $x = \frac{1}{2}: \frac{1}{2}a + 5 = 2$

b=a-1 + b = 7 - 1=1

$$(ax+b=2x+1)$$

2.4443 G(x) = tem²x = tem x * temx = sinx + sinx (entimors where Co+x *0 2.5#15 lim 42t -1 420 -1 -1 -1 -0 indeterminate form lim (4+1)(4+1) lim 4+1 = 401 = 1+1+2 2.5#11 lim $\sqrt{2+h} - 2$ $\sqrt{2+0} - 2$ - semething has a love to h=0 looks like $\sqrt{2-2}$, numberatur $\sqrt{2}$ lim 527h-2 - 00

lim 524h-2 - 00