

()	2.6) $Q(23-3)$	Date
2) lim \(\frac{\chi^2}{2} - \frac{5\chin}{2} \rightarrow \frac{1}{2} \rightar	23 dim 2/x + xin	28 lim 2+ Tx
$\frac{26}{2+8}\sqrt{\frac{x^2-5xu^2}{x^3+x-2}}$		28 2m 2-12 Com 2-12 Com 2011
Sof.	1: -1	m listing 2+ 1x
$\lim_{x\to\infty} \frac{x^2 - 5x}{x^3 + x - 2}$	1 -x+x × mizn-7	2-12
The second secon	lim 21x + 1 xxx	x + lim 2/1x + 1
lim \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3x/2 - 7/2	The south
lim [1/2 - 5/x2		Applying limit
$\lim_{x \to \infty} \frac{\frac{1}{1} - \frac{5}{x^2}}{1 + \frac{1}{2^2} - \frac{2}{1} + \frac{3}{x^3}}$	$\lim_{x \to \infty} \frac{2}{\sqrt{x}} + \frac{1}{x^2}$ $3 - 7/x$	0-1 ⇒ (-1) €
Applying limit	Applying limit	: Tx. Tx = x
. 10-0	$\frac{0+0}{3-0} \Rightarrow \boxed{0}$	
$\sqrt{\frac{0-0}{1+0-0}} = \sqrt{0} = \sqrt{0}$	x 1 1 1 20 00 00	.od
3/2 -5/2 3/2 +5/x	30 $\lim_{x \to a} \frac{x^{-1} + x^{-4}}{x^{-2} - x^{-3}}$	(1) $\lim_{x\to\infty} \frac{2x^{5/3}-x^{1/3}+7}{x^{8/5}+3x+x^{1/2}}$
3/2 +3/X 50.	50, x-2-x-3	(y) x8/5+3x+x1/2
lim \$\frac{3}{\ta} - \frac{5}{\ta}	$\lim_{x\to\infty} \frac{x^{-1}+x^{-4}}{x^{2}-x^{-3}}$	lim 2x5/3-x1/3+7
7x+1x	x - x 3	lim 2x5/3 - 21/3 + 7/28/5
lim 1/2 - 1/2 x 3-0 3/n 3/n	2 x4/	$\lim_{\lambda \to \infty} \frac{2x^{5/3}}{x^{8/5}} - \frac{2x^{3}}{x^{3/5}} + \frac{7}{3}x^{8/5}$ $\frac{x^{8/5}}{x^{8/5}} + \frac{3x}{x^{8/5}} + \frac{x^{7/2}}{x^{8/5}}$
3 Tx + 5 Tx . E.	with the	x 3/5 x 3/5 x 3/5
lim 1-5/x/1/2 x!	x+ 0 x+ 1 x2	lim 2x15- x19/15 + x9/5
1 + 5/x/1x	1 - 1/x Applying limit	Applying limit
1 - 0 = 1	Ø + 0 (V)	∞-0+0 ⇒ ∞
1+0	1-0	1+0+0
		~

2.	22)	22 3.2)	Date
3	32 lim 3/x - 5x +3 2x + 243 4		34 lim \x2+1
•	1-6. then find Be	X+T	k+1
0	$\lim_{x\to -\infty} \frac{\sqrt[3]{x} - 5x + 3}{\sqrt[3]{x + x^{2/3}} - 4}$	lin 1x2+1,000	3 lim 273
	9x+2 3-4	2+1 2+0 (x41)/x2	Sol, 243
0	lim (2)3 - 5/1/x+3/n	x+1/122	x+x \(\frac{4x^2+25}{}{}\)
-	24/x+ x2/3 - 4/x	xxx The	Lim <u>X</u> -3 X -10 Fee Fee
-	lim 1/23 - 5 + 3/x 2+1/21/3 - 4/x	× + 1 = = = = = = = = = = = = = = = = = =	$\sqrt{\frac{4\kappa^2}{2} + \frac{25}{2}}$
3		$\lim_{x\to\infty} \sqrt{1+\frac{1}{n}}$	$\lim_{x\to a} \frac{1-3/x}{2}$
0	Applying limit	1 + 1/x2	Applying limit
	$\frac{0-5+0}{2+8-0} \Rightarrow \left(-\frac{5}{2}\right)$	Apprograf would	$\frac{(1-0)}{\sqrt{4+0}} = \boxed{1}$
0	2700 (2)	$\frac{\sqrt{1+0}}{1+0} = \boxed{1}$	· √4+0 2
W.	36 lim 4-3x3		The Management of the Control of the
0	x→- w √x6+9	Transfer of the second	to the same of the
-3	lim 4-3x3	<i>•</i>	
3	V26 +9	(xcb, give	and a leady
3	lim 4 - 3x 12 12 12 12 12 12 12 12 12 12 12 12 12	ton or a sur	- 18/12
-3	$\sqrt{\frac{\chi^6}{2}} + \frac{9}{2}$	A CA	- 1
13	lim _ 4/23 + 3		
3	X=-0 1/1+9/x6	· [344 - 787.18	
3	Applying hinit	(5) = (4)	
-	0+3 = 3	()	
4	,	1000	