

Limits [Calculus] Sudoku

Directions:

Solve the following list of clues [A through Z]. Place the numerical values of your answers in the block which corresponds to the clue. Then have fun solving the Sudoku.

This Sudoku is based on the May 18th Sudoku from The Daily Sudoku.

Clue A	Clue B					Clue C	Clue D	
Clue V				Clue W	9		Clue H	Clue I
			5			4		
	Clue E	Clue F		Clue G	5		2	
Clue J	Clue K		2		Clue L		Clue M	Clue N
	Clue O		9	7		Clue U	Clue S	
		Clue T			Clue P			
Clue Y	Clue R		6	8				Clue Z
	Clue Q	Clue X					4	6

A	$\lim_{x \rightarrow 0} 5 \cos x$	N	$\lim_{x \rightarrow 16} \frac{(x-16)(\sqrt{x} + 4)}{x-16}$
B	$\lim_{x \rightarrow 9} \ln e^x$	O	$\lim_{x \rightarrow 2} \frac{x^2 + x - 6}{x - 2}$
C	$\lim_{x \rightarrow 12} 4 - x $	P	$\lim_{x \rightarrow 1} \frac{x^2 - 1}{x^3 - x^2}$
D	$\lim_{x \rightarrow \frac{\pi}{4}} \tan x$	Q	$\lim_{x \rightarrow 16} \frac{x-16}{\sqrt{x} - 4}$
E	$\lim_{x \rightarrow \frac{\pi}{2}} 3 \sin x$	R	$\lim_{x \rightarrow e} \ln x$
F	$\lim_{x \rightarrow 1} \frac{8x}{2x-1}$	S	$\lim_{x \rightarrow \frac{\pi}{6}} 12 \sin x$
G	$\lim_{x \rightarrow 6} e^{\ln x}$	T	$\lim_{x \rightarrow 6} \frac{x^2 - 8x + 12}{x - 6}$
H	$\lim_{x \rightarrow 2} \frac{5x-10}{x-2}$	U	$\lim_{x \rightarrow 1} \frac{x^3 - 1}{x - 1}$
I	$\lim_{x \rightarrow 1} \frac{x^2 - 1}{x - 1}$	V	$\lim_{x \rightarrow 1} \frac{3x^2 - 4x + 1}{x^2 - 1}$
J	$\lim_{x \rightarrow \pi} (9 \sin^2 x + 9 \cos^2 x)$	W	$\lim_{x \rightarrow 0} \frac{x-6}{x^2 - 2}$
K	$\lim_{x \rightarrow 3} \frac{x^2 - 9}{x - 3}$	X	$\lim_{x \rightarrow 11} \frac{x^2 - 13x + 22}{x - 11}$
L	$\lim_{x \rightarrow 2\pi} 3 \cos x$	Y	$\lim_{x \rightarrow \frac{\pi}{6}} \csc x$
M	$\lim_{x \rightarrow 0^+} \frac{ 7x }{x}$	Z	$\lim_{x \rightarrow \frac{\pi}{3}} \tan^2 x$

Solution [Don't peek until you finished!]

5	9	3	4	2	6	8	1	7
1	4	7	8	3	9	6	5	2
5	4	9	8	1	6	3	2	7
7	3	8	1	6	5	9	2	4
9	6	1	2	4	3	5	7	8
4	5	2	9	7	8	5	7	8
6	7	4	3	9	2	1	8	5
2	1	5	6	8	4	7	9	3
3	8	9	7	5	1	2	4	6