

	$f(x)=$	$-\infty$	$+\infty$	
1/30	$\frac{9x^3 - 5x + 2}{1 - x}$	X	X	
2/30	$\frac{2x + 1}{x^4 - 4}$	X	X	
3/30	$\frac{x^2 + x - 6}{-2x^2 - 3x + 14}$			2
4/30	$\frac{x^3 + 3x^2 - 2x - 2}{-5x^3 - 2x^2 + 4x + 3}$			1
5/30	$5x^3 - 3x + 1$	X	X	
6/30	$-2x^4 + 3$	X	X	
7/30	$-x^3 - x^2 - x - 1$	X	X	
8/30	$7x^3 - 2x^2 + 3x - 1$	X	X	
9/30	$8x^4 + 12x^3 - 5x^2 + x$	X	X	
10/30	$5x^3 + 100x^2$	X	X	
11/30	$\frac{x + 1}{x - 1}$	X	X	1
12/30	$\frac{x^2 + 3}{x - 1}$	X	X	1
13/30	$\frac{2x + 3}{x - 2}$	X	X	2
14/30	$\frac{5x + 1}{x + 1}$	X	X	-1
15/30	$\frac{x + 2}{(x - 3)^2}$	X	X	3
16/30	$\frac{x^3}{x^2 + 1}$	X	X	
17/30	$3x - 5 + \frac{2}{x + 2}$	X	X	-2
18/30	$2 - \frac{5}{x^2}$	X	X	0
19/30	$x^2 + 3x - \frac{1}{1 + x}$	X	X	-1
20/30	$\frac{2x^2}{(x - 1)(2 - x)}$	X	X	1 2
21/30	$x + \frac{1}{1 - x} - \frac{1}{x - 2}$	X	X	1 2
22/30	$x^2 + 1 - \frac{1}{(1 - x)^2}$	X	X	1
23/30	$\frac{x^2 - 4x - 12}{x^2 - 4}$	X	X	-2 2
24/30	$\frac{1}{x - 3} - \frac{2}{x^2 - 9}$	X	X	-3 3
25/30	$\frac{x^4 - 1}{x^3 - 1}$	X	X	1
26/30	$\frac{x^2 + x - 2}{x - 1}$			1
27/30	$\frac{2x^2 + 5x - 3}{-4x^2 - 7x + 15}$			-3
28/30	$\frac{x^3 + x^2 - 5x + 3}{2x^3 - 5x^2 + 4x - 1}$			1
29/30	$\frac{x^3 - 8}{4 - x^2}$			2
30/30	$\frac{3x^2 + 6x}{x^2 - x - 2} = a + \frac{b}{x + 1} + \frac{c}{x - 2}$	1. Déterminer Df 2. Trouver a, b et c 3. lim aux bornes de Df		