

déterminer la limite de f en a

1-  $f(x) = -5x^2 + 3x - 7$

$a = -\infty$

2-  $f(x) = 7x^3 - 2x^2 + 3x - 8$

$a = +\infty$

3-  $f(x) = -3x^2 + 6x + 4$

$a = +\infty$

4-  $f(x) = \frac{3x-8}{x-1}$

$a = 1$  ,  $a = +\infty$

5-  $f(x) = \frac{5x+2}{x^2+2x-3}$

$a = 1$  ;  $a = -3$  ;  $a = -\infty$

6-  $f(x) = \frac{x^3+3x^2+5x+5}{(x+1)^2}$

$a = -1$  ;  $a = +\infty$

7-  $f(x) = \frac{1}{x} - \frac{1}{\sqrt{x}}$

$a = 0$  (  $x > 0$  )

8-  $f(x) = \frac{x^2-6x+8}{x^2-4}$

$a = 2$