3
$$f(x) = \frac{6x^2 - x + 7}{3x + 1}$$

 $VA : x = -\frac{1}{3}$
 $\lim_{x \to -\frac{1}{3}} \frac{6x^2 - x + 7}{3x + 1} = \frac{8}{9} = \frac{-\omega}{2}$
 $\lim_{x \to -\frac{1}{3}} \frac{6x^2 - x + 7}{3x + 1} = \frac{8}{9} = \frac{-\omega}{2}$
 $\lim_{x \to -\frac{1}{3}} \frac{6x^2 - x + 7}{3x + 1} = \lim_{x \to \pm \infty} \frac{6x^2}{3x} = \lim_{x \to \pm \infty} 2x = \pm \infty$
 $\lim_{x \to \pm \infty} \frac{6x^2 - x + 7}{3x + 1} = \lim_{x \to \pm \infty} \frac{6x^2}{3x} = 2$
 $\lim_{x \to \pm \infty} \frac{6x^2 - x + 7}{3x + 1} = \lim_{x \to \pm \infty} \frac{6x^2}{3x} = 2$
 $\lim_{x \to \pm \infty} \frac{6x^2 - x + 7}{3x + 1} = 2x$
 $\lim_{x \to \pm \infty} \frac{6x^2 - x + 7}{3x + 1} = 2x$
 $\lim_{x \to \pm \infty} \frac{6x^2 - x + 7}{3x + 1} = \lim_{x \to \pm \infty} \frac{-3x}{3x} = -1$
 $\lim_{x \to \pm \infty} \frac{-3x + 7}{3x + 1} = \lim_{x \to \pm \infty} \frac{-3x}{3x} = -1$
 $\lim_{x \to \pm \infty} \frac{-3x + 7}{3x + 1} = \lim_{x \to \pm \infty} \frac{-3x}{3x} = -1$

1+XU CO+EX