함수의 무한대로의 발산 (Divergence of Function to Infinity)

$$\lim_{x \to a} f(x) = \infty :$$

$$\lim_{x \to a} f(x) = \infty$$
 :  $x \to a$  일 때,  $f(x) \to \infty$ 

$$\lim_{\substack{x\to a}}f(x)=\infty$$
 :  $x\to a$  일 때,  $f(x)\to\infty$   $\lim_{\substack{x\to a}}f(x)=-\infty$  :

$$\lim_{x \to a} f(x) = -\infty$$

$$\lim_{\substack{x \to a \\ \lim x \to a}} f(x) = \infty$$
 :  $x \to a$  일 때,  $f(x) \to \infty$ 

$$\lim_{x \to a} f(x) = \infty$$
 :  $x \to a$  일 때,  $f(x) \to \infty$ 

$$\lim_{x \to a} f(x) = -\infty : x \to a$$
 일때,  $f(x) \to -\infty$ 

$$\lim_{x \to \infty} f(x) = \infty :$$

$$\lim_{x \to a} f(x) = \infty : x \to a \qquad \text{@ III}, f(x) \to \infty$$

$$\lim_{x \to a} f(x) = -\infty : x \to a$$
 일때,  $f(x) \to -\infty$ 

$$\lim_{x \to a} f(x) = \infty \quad : \quad x \to \infty \qquad 일 때, f(x) \to \infty$$

$$\begin{array}{lll} \lim_{x\to a}f(x)&=\infty&:&x\to a&&\text{일 때, }f(x)\to\infty\\ \lim_{x\to a}f(x)&=-\infty&:&x\to a&&\text{일 때, }f(x)\to-\infty\\ \lim_{x\to\infty}f(x)&=\infty&:&x\to\infty&&\text{일 때, }f(x)\to\infty\\ \lim_{x\to\infty}f(x)&=-\infty&:&&\end{array}$$

$$\lim_{\substack{x \to a \\ \lim_{x \to a}}} f(x) = \infty : x \to a \qquad \qquad 일 때, f(x) \to \infty$$
 
$$\lim_{\substack{x \to a \\ \lim_{x \to \infty}}} f(x) = -\infty : x \to a \qquad \qquad 일 때, f(x) \to -\infty$$
 
$$\lim_{\substack{x \to \infty \\ x \to \infty}} f(x) = \infty : x \to \infty \qquad \qquad 일 때, f(x) \to \infty$$
 
$$\lim_{\substack{x \to \infty \\ x \to \infty}} f(x) = -\infty : x \to \infty \qquad \qquad 일 때, f(x) \to -\infty$$

$$\lim_{\substack{x \to a \\ \lim x \to a}} f(x) = \infty : x \to a \qquad 일 때, f(x) \to \infty$$

$$\lim_{\substack{x \to a \\ \lim x \to a}} f(x) = -\infty : x \to a \qquad 일 때, f(x) \to -\infty$$

$$\lim_{\substack{x \to \infty \\ \lim x \to \infty}} f(x) = \infty : x \to \infty \qquad 일 때, f(x) \to \infty$$

$$\lim_{\substack{x \to \infty \\ \lim x \to -\infty}} f(x) = \infty : x \to \infty \qquad 일 때, f(x) \to -\infty$$

$$\lim_{\substack{x \to a \\ x \to a}} f(x) &= \infty &: x \to a & \text{일 때, } f(x) \to \infty \\ \lim_{\substack{x \to a \\ x \to a}} f(x) &= -\infty &: x \to a & \text{일 때, } f(x) \to -\infty \\ \lim_{\substack{x \to \infty \\ x \to \infty}} f(x) &= \infty &: x \to \infty & \text{일 때, } f(x) \to \infty \\ \lim_{\substack{x \to \infty \\ x \to -\infty}} f(x) &= \infty &: x \to -\infty & \text{일 때, } f(x) \to \infty \\ \end{bmatrix}$$

$$\lim_{\substack{x \to a \\ \lim x \to a}} f(x) = \infty : x \to a \qquad 일 때, f(x) \to \infty$$

$$\lim_{\substack{x \to a \\ \lim x \to a}} f(x) = -\infty : x \to a \qquad 일 때, f(x) \to -\infty$$

$$\lim_{\substack{x \to a \\ \lim x \to a}} f(x) = \infty : x \to \infty \qquad 일 때, f(x) \to \infty$$

$$\lim_{\substack{x \to \infty \\ \lim x \to -\infty}} f(x) = -\infty : x \to \infty \qquad 일 때, f(x) \to -\infty$$

$$\lim_{\substack{x \to -\infty \\ \lim x \to -\infty}} f(x) = \infty : x \to -\infty \qquad 일 때, f(x) \to \infty$$

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$$\lim_{\substack{x \to -\infty \\ \lim x \to -\infty}} f(x) = -\infty : x \to -\infty \qquad \qquad 일 때, f(x) \to -\infty$$

#### Github:

https://min7014.github.io/math20200909001.html

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