

$$\lim_{x \rightarrow 3^+} f(x)$$

=

$$\lim_{x \rightarrow 3^-} f(x)$$

=

$$\lim_{x \rightarrow 3} f(x)$$

=

$$f(3)$$

=

=

-5

$$\lim_{x \rightarrow -5^-} f(x)$$

=

=

∞

$$\lim_{x \rightarrow -5} f(x)$$

=

$$f(-5)$$

=

$$\lim_{x \rightarrow 5^-} f(x)$$

=

$$\lim_{x \rightarrow 5^+} f(x)$$

=

=

-1

=

$-\infty$

$$\lim_{x \rightarrow -2} f(x)$$

=

3

$$\lim_{x \rightarrow \infty} f(x)$$

=

$$\lim_{x \rightarrow 0^-} f(x)$$

=

$$\lim_{x \rightarrow 0^+} f(x)$$

=

=

1

$$f(0)$$

=

$$\lim_{x \rightarrow 5} f(x)$$

=

=

-3