



BEHAVIOR

END

$$\text{as } x \rightarrow +\infty,$$

$$f(x) \rightarrow +\infty$$

$$\text{as } x \rightarrow -\infty,$$

$$f(x) \rightarrow +\infty$$

$f(x) \rightarrow$ same
direction

$$\text{as } x \rightarrow +\infty,$$

$$f(x) \rightarrow +\infty,$$

$$\text{as } x \rightarrow -\infty,$$

$$f(x) \rightarrow -\infty$$

$$\text{as } x \rightarrow +\infty,$$

$$f(x) \rightarrow -\infty$$

$$\text{as } x \rightarrow -\infty,$$

$$f(x) \rightarrow +\infty$$

$$\text{as } x \rightarrow +\infty,$$

$$f(x) \rightarrow -\infty,$$

$$\text{as } x \rightarrow -\infty,$$

$$f(x) \rightarrow -\infty$$

$f(x) \rightarrow$ same
direction