

1. For the function g whose graph is given, state the following.

(a) $\lim_{x \rightarrow \infty} g(x)$

(b) $\lim_{x \rightarrow -\infty} g(x)$

(c) $\lim_{x \rightarrow 3} g(x)$

(d) $\lim_{x \rightarrow 0} g(x)$

(e) $\lim_{x \rightarrow -2^+} g(x)$

(f) The equations of the asymptotes

