



The Graph of  $f$

1. Find the following limits:

(a)  $\lim_{x \rightarrow -1} f(x)$

(b)  $\lim_{x \rightarrow 0} f(x)$

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

(d)  $\lim_{x \rightarrow 1^+} f(x)$

(e)  $\lim_{x \rightarrow 1^-} f(x)$

2. On which intervals is  $f$  continuous?