1. Referring to the graph below, find the following (or state whether it's undefined):

- a) \( \lim_{x \to 1} f(x) = 1 \)
- b) \( \lim_{x \to 2^+} f(x) = 3 \)
- c) \( \lim_{x \to 2^-} f(x) = 2 \)
- d) \( \lim_{x \to 2} f(x) \) Does not exist (DNE)
- e) \( f(1) = 2 \)
- f) \( f(2) = 2 \)
- g) \( f(4) \) Does not exist (DNE)

2. Find the limit (or state it doesn’t exist):

\[
\lim_{x\to0} \frac{\sqrt{x+4} - 2}{x}
\]