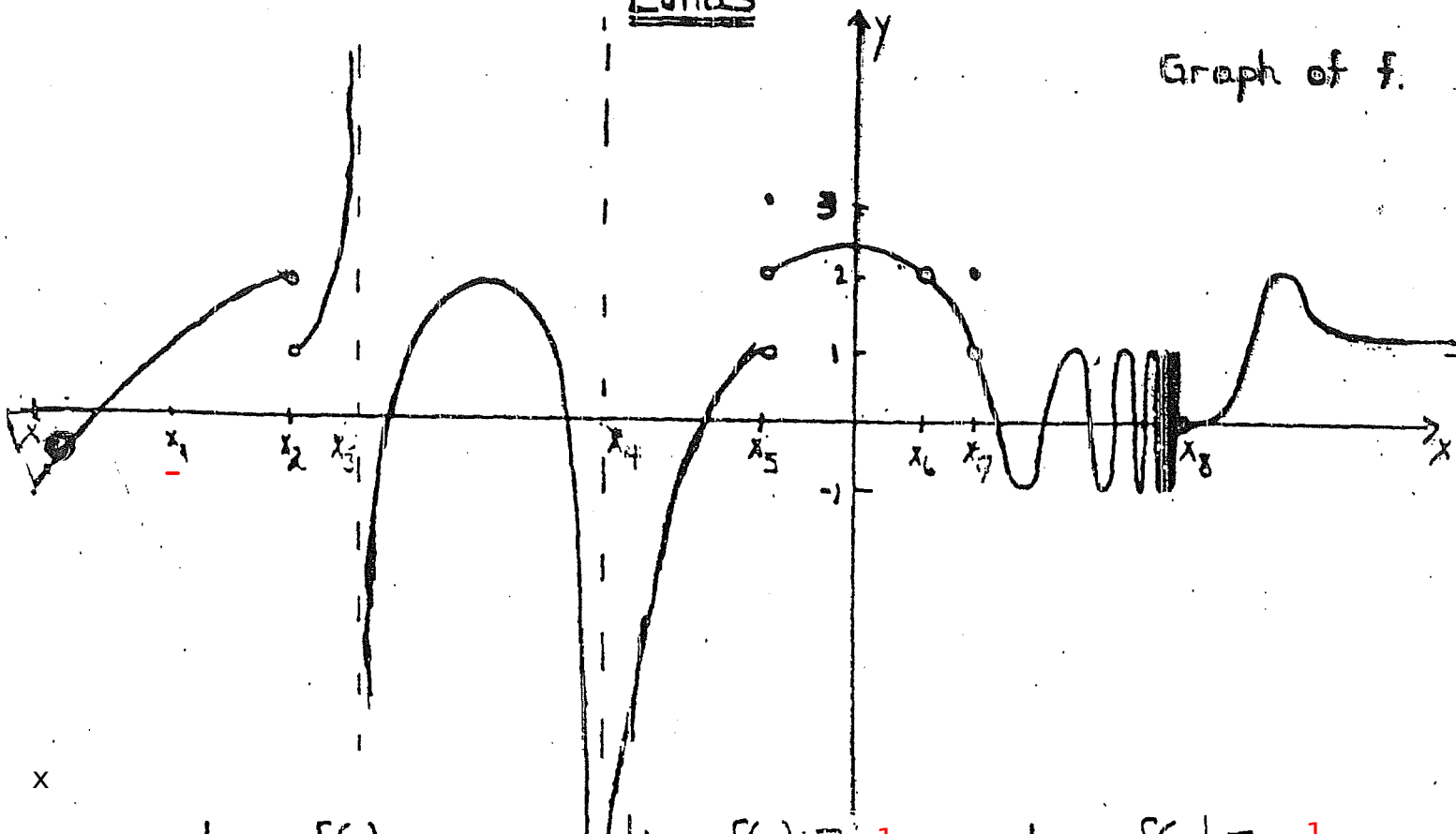


Limits

Graph of f.



$$\lim_{x \rightarrow x_1} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_2} f(x) = \underline{\text{DNE}}$$

$$\lim_{x \rightarrow x_3} f(x) = \underline{\text{DNE}}$$

$$\lim_{x \rightarrow x_4} f(x) = \underline{-\infty}$$

$$\lim_{x \rightarrow x_5} f(x) = \underline{\text{DNE}}$$

$$\lim_{x \rightarrow x_6} f(x) = \underline{2}$$

$$\lim_{x \rightarrow x_7} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_8} f(x) = \underline{\text{DNE}}$$

$$\lim_{x \rightarrow \infty} f(x) = \underline{1}$$

$$\lim_{x \rightarrow -\infty} f(x) = \underline{\quad}$$

$$\lim_{x \rightarrow x_1^-} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_2^-} f(x) = \underline{-2}$$

$$\lim_{x \rightarrow x_3^-} f(x) = \underline{\infty}$$

$$\lim_{x \rightarrow x_4^-} f(x) = \underline{-\infty}$$

$$\lim_{x \rightarrow x_5^-} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_6^-} f(x) = \underline{2}$$

$$\lim_{x \rightarrow x_7^-} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_8^-} f(x) = \underline{\text{DNE}}$$

$$\lim_{x \rightarrow x_1^+} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_2^+} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_3^+} f(x) = \underline{-\infty}$$

$$\lim_{x \rightarrow x_4^+} f(x) = \underline{-\infty}$$

$$\lim_{x \rightarrow x_5^+} f(x) = \underline{2}$$

$$\lim_{x \rightarrow x_6^+} f(x) = \underline{2}$$

$$\lim_{x \rightarrow x_7^+} f(x) = \underline{1}$$

$$\lim_{x \rightarrow x_8^+} f(x) = \underline{0}$$