

MTH 151
Exam 1
Fall 2013

Show all work in a neat and organized fashion. Clearly indicate your answers.
100 points possible.

1. (15 pts.) The graph of f is shown.

State each of the following (or write DNE, if it does not exist).

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

(b) $\lim_{x \rightarrow 3^-} f(x)$

(c) $\lim_{x \rightarrow 3^+} f(x)$

(d) $\lim_{x \rightarrow 3} f(x)$

(e) $f(3)$

