

Student: Cole Lamers
Date: 09/02/19

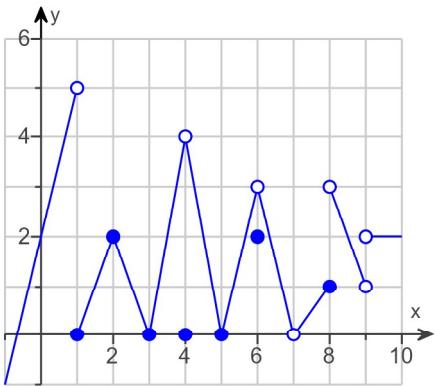
Instructor: Viktoriya Shcherban
Course: Calc 1 11:30 AM / Internet
(81749&81750) Shcherban

Assignment: 2.2 Limit of a Function and
Limit Laws

1.

For the graph $g(x)$ graphed below, find the following limits, if they exist.

a) $\lim_{x \rightarrow 2} g(x)$ b) $\lim_{x \rightarrow 8} g(x)$ c) $\lim_{x \rightarrow 4} g(x)$



a) Find $\lim_{x \rightarrow 2} g(x)$. Select the correct choice below and fill in any answer boxes in your choice.

A. $\lim_{x \rightarrow 2} g(x) =$

B. The limit does not exist.

b) Find $\lim_{x \rightarrow 8} g(x)$. Select the correct choice below and fill in any answer boxes in your choice.

A. $\lim_{x \rightarrow 8} g(x) =$

B. The limit does not exist.

c) Find $\lim_{x \rightarrow 4} g(x)$. Select the correct choice below and fill in any answer boxes in your choice.

A. $\lim_{x \rightarrow 4} g(x) =$

B. The limit does not exist.