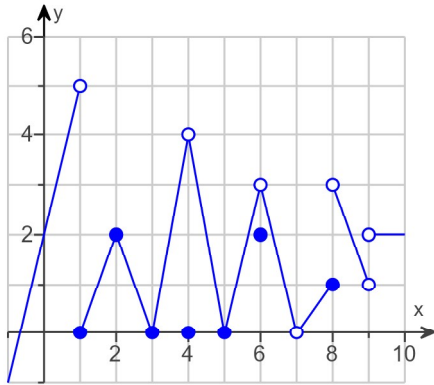| **Student:** Cole Lamers **Date:** 09/02/19	**Instructor:** Viktoriya Shcherban **Course:** Calc 1 11:30 AM / Internet (81749&81750) Shcherban	**Assignment:** 2.2 Limit of a Function and Limit Laws

1.

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

a) $\lim\limits_{x\to 3}$ g(x)   b) $\lim\limits_{x\to 9}$ g(x)   c) $\lim\limits_{x\to 7}$ g(x)

a) Find $\lim\limits_{x\to 3}$ g(x). Select the correct choice below and fill in any answer boxes in your choice.

A. $\lim\limits_{x\to 3}$ g(x) = [0]

B. The limit does not exist.

b) Find $\lim\limits_{x\to 9}$ g(x). Select the correct choice below and fill in any answer boxes in your choice.

A. $\lim\limits_{x\to 9}$ g(x) = _____

B. The limit does not exist.

c) Find $\lim\limits_{x\to 7}$ g(x). Select the correct choice below and fill in any answer boxes in your choice.

A. $\lim\limits_{x\to 7}$ g(x) = [0]

B. The limit does not exist.