

Name: _____

Student ID: _____

No Work = No Credit. Write Legibly. Box your final result.

1. 10 points Sketch the graph of an example of a function f that satisfies all of the conditions.

$$\lim_{x \rightarrow 3^+} f(x) = 4$$

$$\lim_{x \rightarrow 3^-} f(x) = 2$$

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

$$f(3) = 3$$

$$f(-2) = 1$$

