Taker Name:

GTID: 90

Section:

Grader #1:

GTID: 90

PA#4A- §14.7: Absolute max and min on a closed and bounded region

Find the absolute maxima and minima of the function

$$f(x, y) = y - x^2$$

on $R = [-1, 1] \times [0, 2]$, so R is the rectangle with vertices $(-1, 0)$, $(-1, 2)$, $(1, 0)$, and $(1, 2)$.

A

J

N

G2:

A

J

N

G3:

A

J

N