Show all work, clearly and legibly, to receive full credit. Correct spelling, organization of your solution, and proper use of mathematical notation all count. You may use a calculator, but no notes, books, or other resources. Good luck!

1.) (4 pts.) The function shown below is $f$. Based on the graph, between which pair of labeled points is $f'$ increasing?

2.) (4 pts.) Use the grid to estimate the slope of the tangent line to the curve at the indicated point.

$$\frac{\Delta y}{\Delta x} \approx \frac{1}{1} = 1$$

3.) (2 pts.) Simplify, using proper Order of Operations:

$$\frac{5 + 9}{3 + 4} = \frac{14}{7} = 2$$