

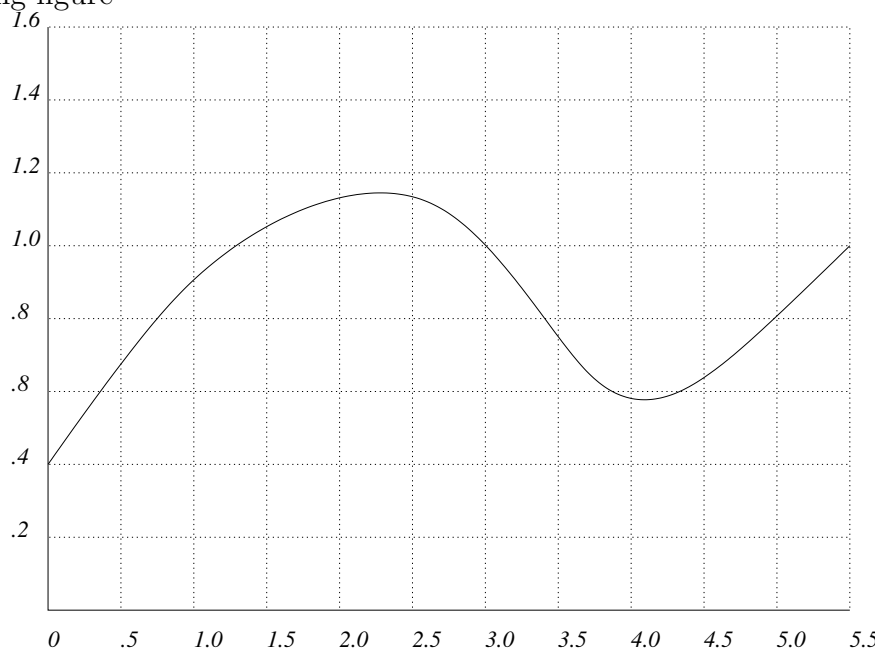
Mathematics 122

Quiz 8

Name: _____

You must show your work to get full credit.

1. In the following figure



(a) Draw the tangent line at the point where $x = 3$.

(b) Estimate $f'(3)$ by choosing two points on the tangent line using them to find the slope.

$f'(3) \approx$ _____

2. The following is the graph of $y = g(x)$. Draw the graph of the derivative $y = g'(x)$ on the same axis.

