

Before Class

- Watch Sal introduce the definition of a derivative.
https://www.khanacademy.org/math/calculus/differential-calculus/derivative_intro/v/calculus-derivatives-1-new-hd-version
- Play around with this visualization to see how secant lines approximate the tangent line. (You will need to install the Wolfram CDF player if you haven't already. It is a free browser plugin that renders these visualizations.)
<http://demonstrations.wolfram.com/TheTangentLineProblem/>
- p. 145, # 1 (see Example 1 on page 138)

During Class

- p. 145, # 3, 11, 15, 19, 22, 25, 27, 28