Main Ideas

Here are the main points that are addressed in the video. Please read these and think about them as you watch.

- The derivative function f'(x) shows you the slope of the tangent line to f(x) at each value of x
- If f(x) is increasing, f'(x) has positive values; if f(x) is decreasing, f'(x) has negative values
- If f(x) is concave up, then the slope of tangent lines to f(x) increase as x increases; thus, f'(x) will be increasing

Learning outcomes: Author(s):