C. Local Linearity

The fact that differentiability at a point implies local linearity at the point can be demonstrated by zooming in on the point until the graph looks like a straight line. Choosing two points on the graph (using TRACE) and computing the slope of the line connecting them approximates the derivative. To contrast, try zooming in on the point (1,1) on the graph of $y = |x-1| + 1$. No matter how close you get, you can't get rid of the "corner".