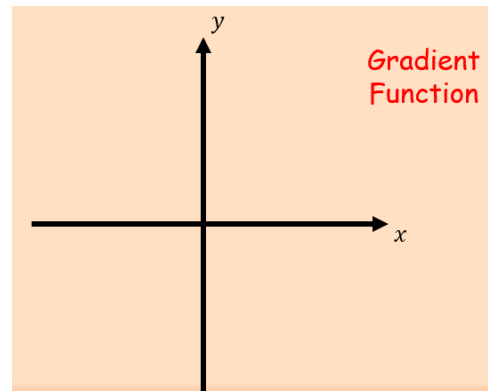
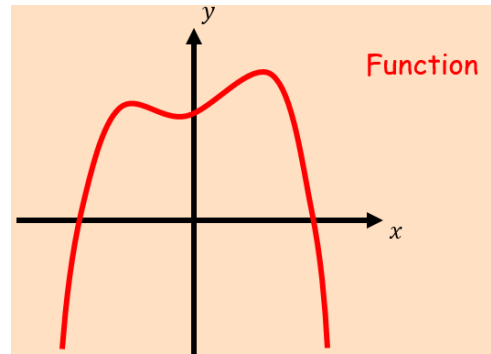
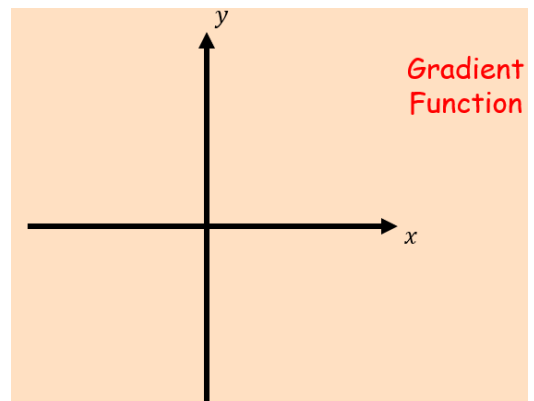
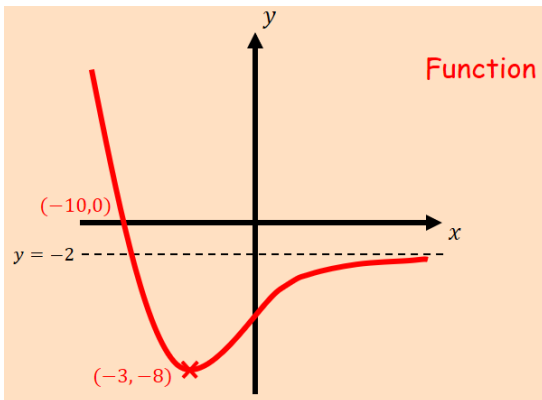


12J Graphing the Gradient Function



1. The diagram shows the curve with equation $y = f(x)$. It has an asymptote at $y = -2$, a turning point at $(-3, -8)$ and it cuts the x-axis at $(-10, 0)$

a) Sketch the graph of $y = f'(x)$



b) State the equation of the asymptote of $y = f'(x)$