**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 $(-10,0)$
2. Sketch the graph of $y=f'(x)$

 

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