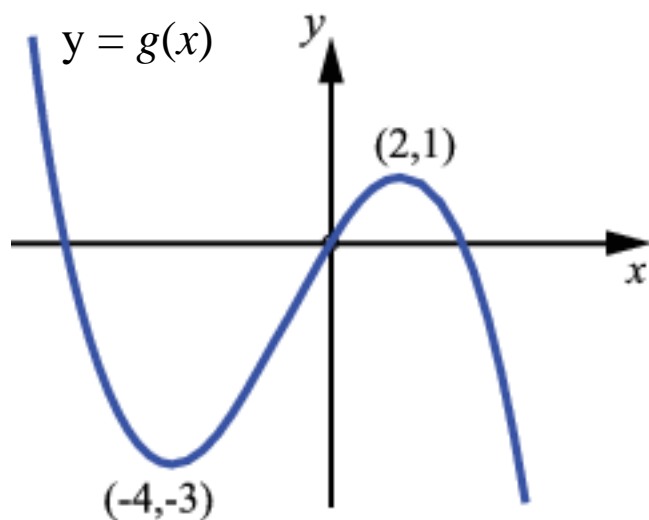


Please attempt the following sketches in preparation for the online session on 12<sup>th</sup> January.

Q2

The graph of  $y = g(x)$  is shown below.

Sketch and annotate the graph of  $y = 2 - g(x)$ .



Q5

Sketch and annotate the graph of  $y = 3^x$

Q7

The diagram below shows the graph of the function  $f(x) = \log_4 x$

The inverse function,  $f^{-1}$ , exists.

Sketch the graph of the inverse function.