





Sketch the following graphs on the given set of axes. Show all intercepts with the axes as well as any asymptotes, axis of symmetries or turning points:

S1202 S1207



4.3
$$y = \frac{-3}{x} - 1$$
 (5)
4.4 $y = \left(\frac{1}{2}\right)^x + 1$ (3)





Given below are the graphs of $f(x) = -x^2 + 4$ and g(x) = x + 2





Total: 75 Marks