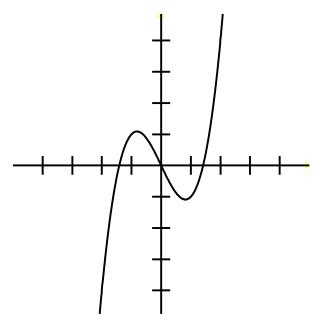1) Given $g(x) = \left|\frac{x^2-4}{x+3}\right|$, find $g(1)$.

2) Given the graph of $f(x) = x^3 - 2x$, below, sketch a graph of $g(x) = 2(x^3 - 2x) - 3$ on the same axis.



3) Use the triangle given to the right to find $\sin(143^o)$