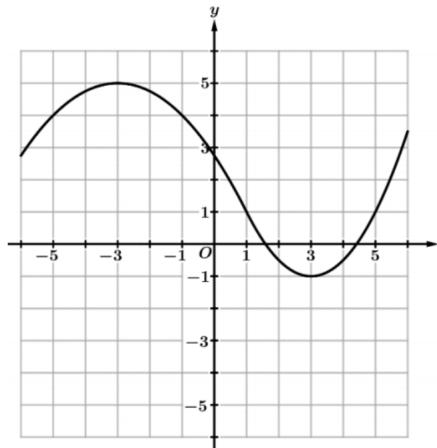


**Directions: NO CALCULATORS.** Use the graph of the following function to answer the following:

Figure 1: Graph of  $g$ 

1. The graph of a function  $f$  is shown in the figure above for the interval  $-6 \leq x \leq 6$ . Use the graph of  $f$  to answer the following.
    - (a) On what open interval(s) is  $f$  increasing?
    - (b) On what interval(s) is  $f$  decreasing?
- 

This is a test  $\int_0^\infty f(x)$

