## READING GRAPHS

$$
f^{\prime}(x)
$$

1. A graph of $f^{\prime}(x)$ is given at the right.
A. On what interval(s) is $f(x)$ increasing? Decreasing? Explain.

B. On what interval(s) is $f^{\prime}(x)$ increasing? Decreasing? Explain.
C. On what interval(s) is $f(x)$ concave up? Concave down? Explain.
D. On what interval(s) is $f^{\prime}(x)$ concave up? Concave down? Explain.
2. A graph of $g^{\prime \prime}(x)$ is given at the right.
A. On what interval(s) is $g(x)$ concave up? Concave down? Explain.

B. On what interval(s) is $g^{\prime}(x)$ increasing? Decreasing? Explain.
