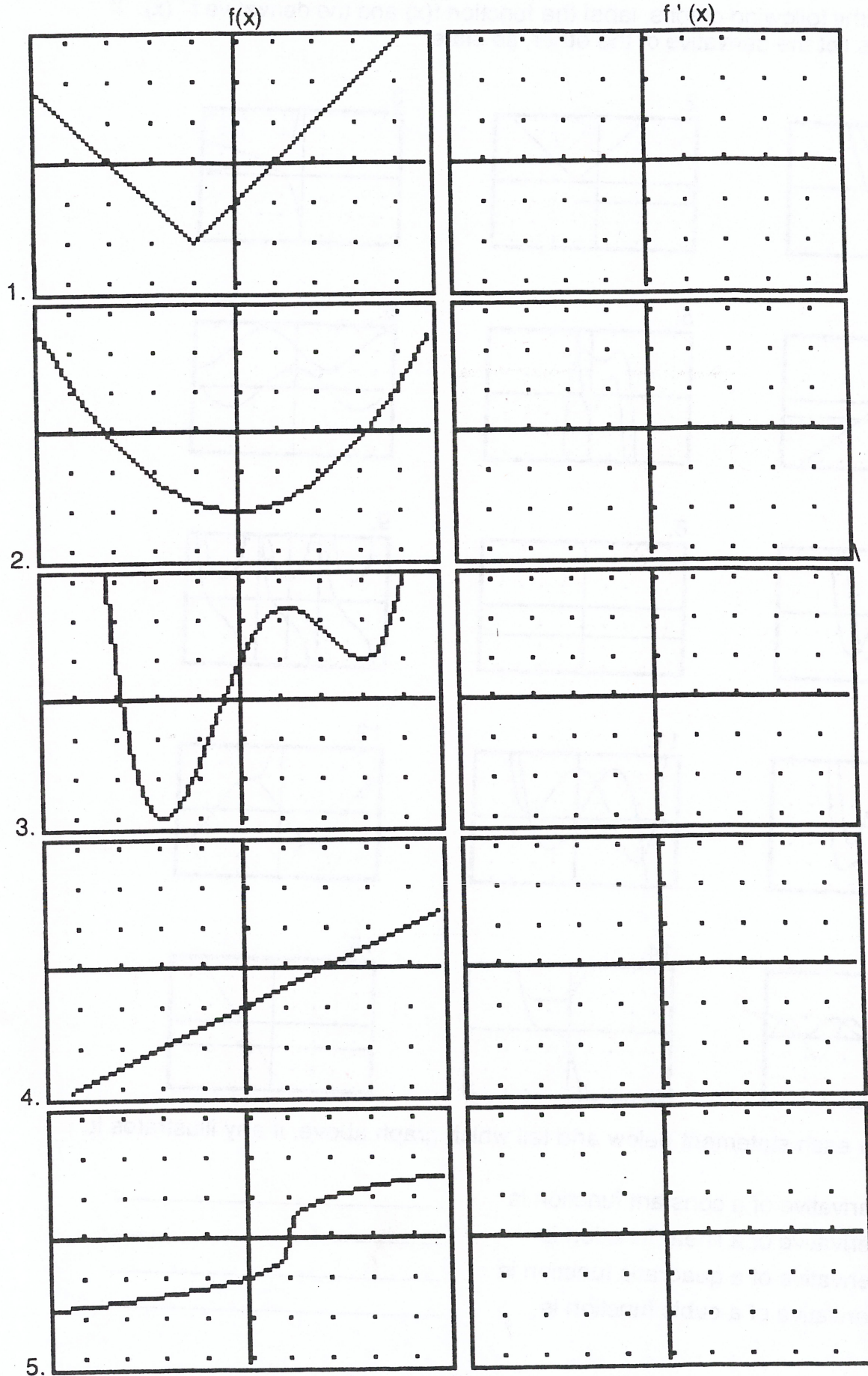


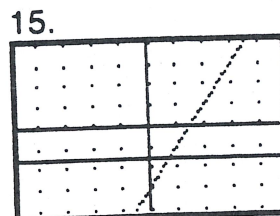
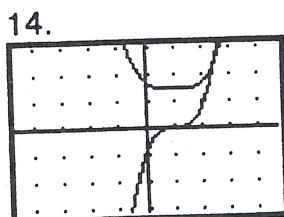
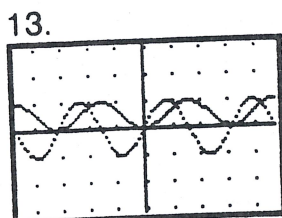
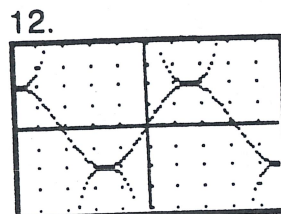
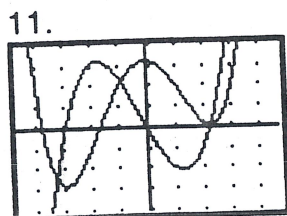
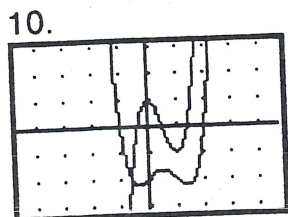
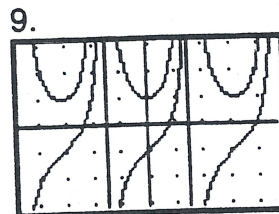
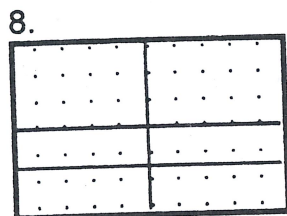
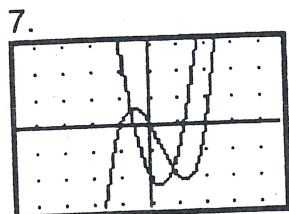
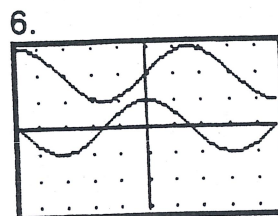
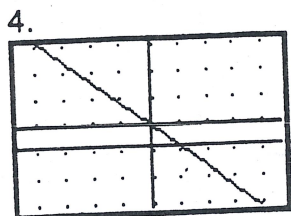
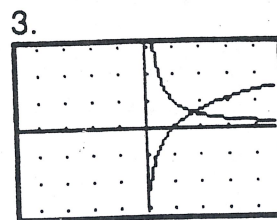
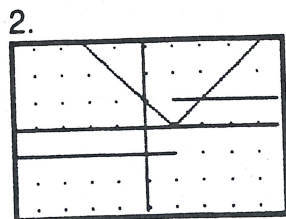
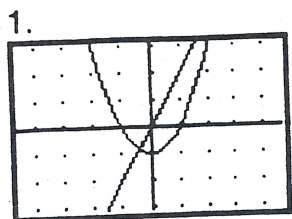
# SKETCHING THE DERIVATIVE OF A FUNCTION

Use your slopemeister to sketch the derivative of each function.



## GRAPHS OF DERIVATIVES

On each of the following graphs, label the function  $f(x)$  and the derivative  $f'(x)$ . If one graph is not the derivative of the other, so state.



Complete each statement below and tell which graph above, if any illustrates it.

- The derivative of a constant function is \_\_\_\_\_.
- The derivative of a linear function is \_\_\_\_\_.
- The derivative of a quadratic function is \_\_\_\_\_.
- The derivative of a cubic function is \_\_\_\_\_.

\_\_\_\_\_.

\_\_\_\_\_.

\_\_\_\_\_.

\_\_\_\_\_.