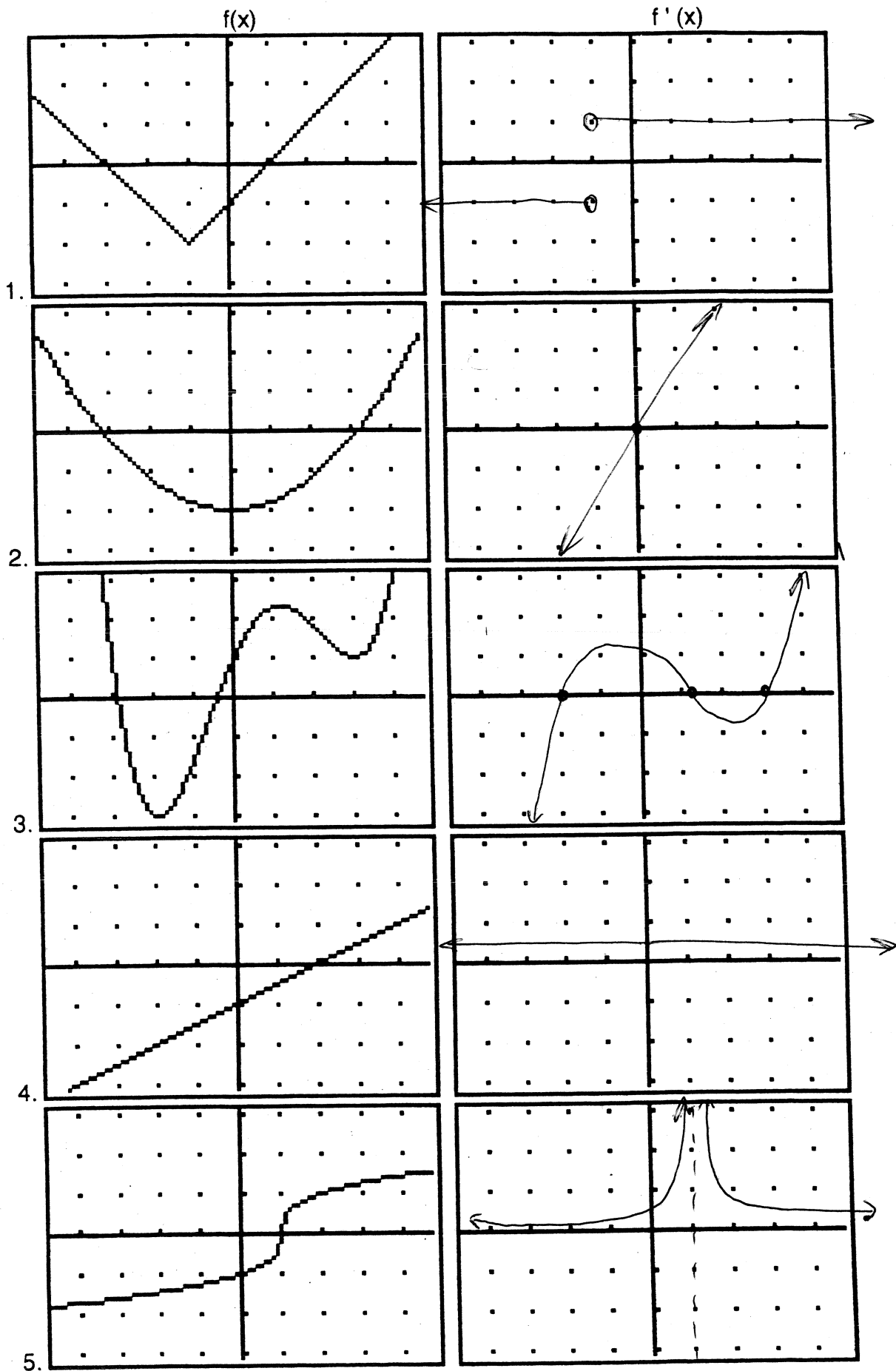


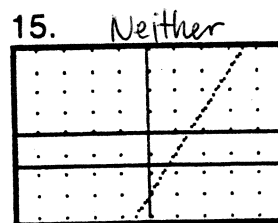
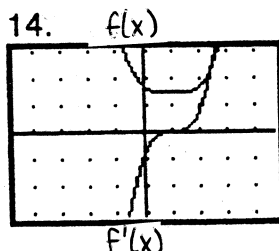
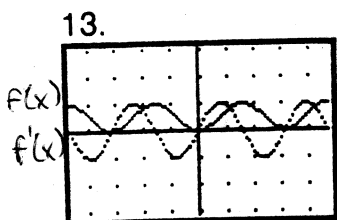
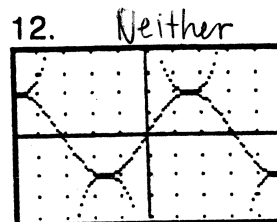
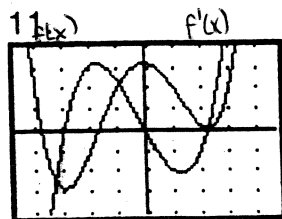
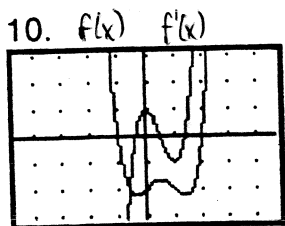
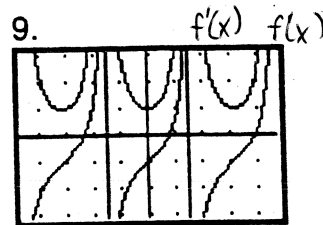
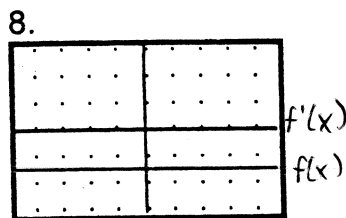
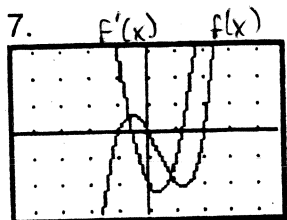
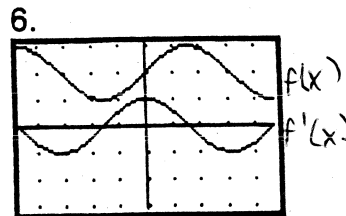
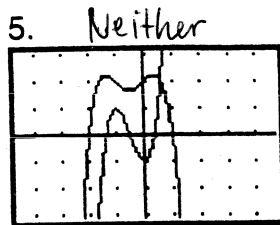
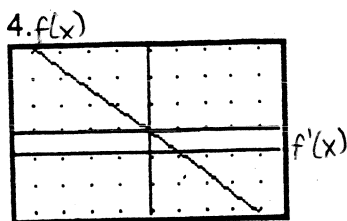
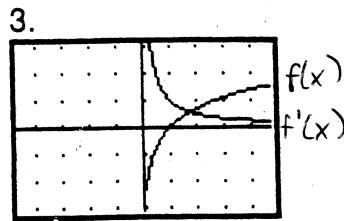
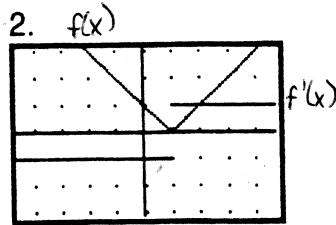
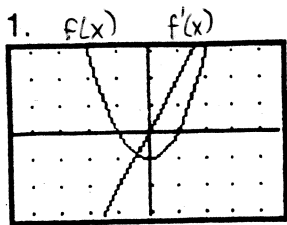
SKETCHING THE DERIVATIVE OF A FUNCTION

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

zero _____
 constant _____
 linear _____
 quadratic _____