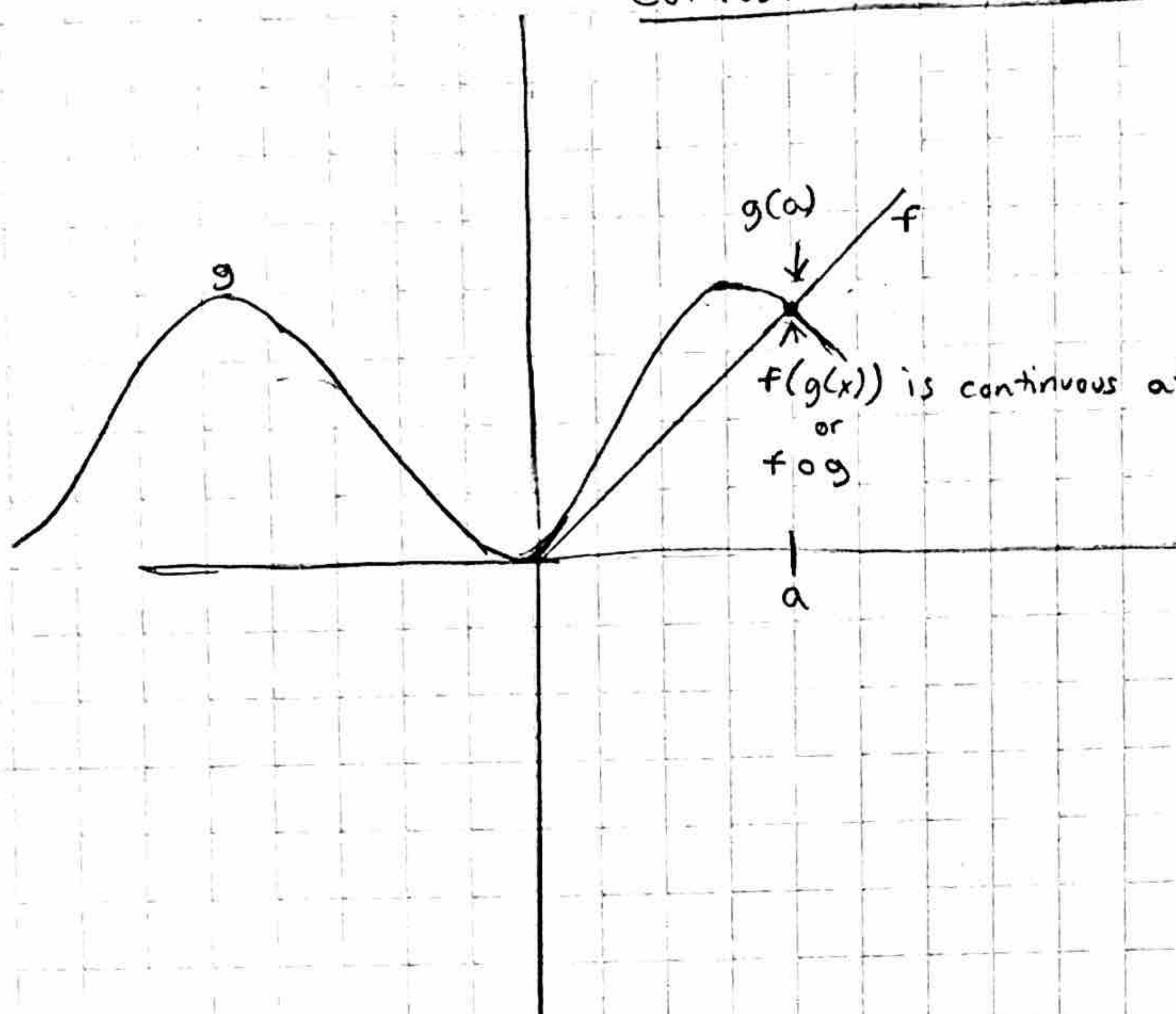


## Composition Definition Sketch



← The composite of  $g$  and  $f$  are continuous at  $a$ .

1. The product of  $g \cdot f$  is continuous at  $a$ .
2. The composition of  $f \circ g$  or  $f(g(x))$  is continuous at  $a$ .