

Strategy: Oh no! (error analysis)

Description: Students analyze an existing solution to determine whether (or where) errors have occurred.

Directions

Each of the sample student responses on the following pages have omitted a key phrase or label that would make the response fully correct. Determine which card below has the missing phrase, and where it would need to be inserted in order for the response to be correct.

Activity Cards

A. of $g' = f$

B. between increasing and decreasing at these values

C. from positive to negative

D. since f' changes from negative to positive

E. of -8

F. because $\frac{dy}{dx} \neq 0$

G. since this is the only critical point in the interval and

H. since A' changes from positive to negative

I. from positive to negative

J. of f'

K. since f' changes between increasing and decreasing at these values