BC. Q201 · LESSON 2

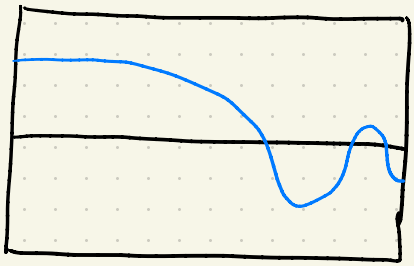
TECHNOLOGY SECTION

EX: 2 [C] (NOT IN VIDEO)

$f'(x) = \cos(x^3)$ extended to domain $[0,2]$

f has a local min at $x=0$
f has a local min at $x=2$

ANSWER = D



$y = f'(x)$

f starts off increasing ... so it must increase away from a rel. min.

f ends by decreasing ... so it must decrease to a rel. min