

CALCULUS
Assignment

- ① Quiz
- ② choose Problems from [3.9]
- ③ Answer question below.

Refer to [3.9] # 21.

Is the magnitude of $\frac{dh}{dt}$ different depending on whether the tank is draining or filling? (The sign of $\frac{dh}{dt}$ depends on drain or fill, but we don't care about that.)

NOTE

Also, do the question above for $\frac{dh}{dt}$,

on the board I wrote

" $\frac{dV}{dt}$ " but I want you to do $\frac{dh}{dt}$.