

Please remind me to hit "record."

Questions before the test or do you just want to go take the test?

Give yourself a good couple hours.

Evaluate the limit, if it exists. (If an answer does not exist, enter DNE.)

$$\lim_{x \rightarrow -3} \frac{x+3}{x^3+27}$$
$$\frac{x+3}{x^3+27} = \frac{x+3}{(x+3)(x^2-3x+9)} = \frac{1}{x^2-3x+9} \xrightarrow{x \rightarrow -3} \frac{1}{27}$$

$x \neq -3$