

# Calc I in class problems

2025-08-27

We'll have problems on our quiz this Friday that are pretty similar to the following. Let's take this opportunity for you to give practice solving these problems *and* writing their solutions clearly.

The problems are simply to compute the following limits:

a)  $\lim_{x \rightarrow 27} \frac{x - 2}{x^2 + x - 6}$

b)  $\lim_{x \rightarrow 2} \frac{x - 2}{x^2 + x - 6}$

c)  $\lim_{x \rightarrow -3} \frac{x - 2}{x^2 + x - 6}$