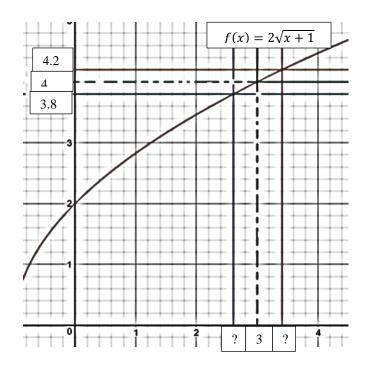
Question1: Use the following graph to find a number $\delta > 0$ such that: if $|x - 3| < \delta$ then |f(x) - 4| < 0.2.



Question2: For what values of b is $f(x) = \begin{cases} \frac{x-b}{b+1}, x \le 0 \\ x^2 + b, x > 0 \end{cases}$ continuous at every x.

Question3. Find the horizontal asymptotes for $f(x) = \frac{\sqrt{x^2+1}}{1-2x}$.