1. For the following graph of \( f \), determine the value of \( \lim_{x \to 2^-} f(x) \), \( \lim_{x \to 2^+} f(x) \), \( \lim_{x \to 2} f(x) \), and \( f(2) \) or say if it doesn’t exist. Is \( f \) continuous? Why or why not?

2. Compute the following limits:
   
   \[ \lim_{x \to 0} \frac{2e^x - \sin(x)}{7x + 3} \]
   
   \[ \lim_{x \to 0} \frac{\tan(x) - x}{x^3} \]

3. Suppose \( \lim_{x \to 0} f(x) = 4 \) and \( \lim_{x \to 0} g(x) = 7 \). Find \( \lim_{x \to 0} \frac{f(x)\sqrt{2 + g(x)}}{[g(x)]^2 - f(x)} \).