1. \( \lim_{x \to 0} \cos \left( \frac{\pi}{\sqrt{19 - 3 \sec(2x)}} \right) = \)

2. Draw the graph \( y = f(x) \) of a function that meets the following conditions.
   
   (a) \( f(x) \) is continuous everywhere except at \( x = 1 \) and \( x = 2 \).
   (b) \( f(3) = 1 \)
   (c) \( \lim_{x \to 1^-} f(x) = -1 \)
   (d) \( \lim_{x \to 2^-} f(x) = 1 \)
   (e) \( \lim_{x \to 2^+} f(x) = 2 \)

1. \( \lim_{x \to \pi} (x - \sin(x)) = \)

2. Draw the graph \( y = f(x) \) of a function that meets the following conditions.
   
   (a) \( f(x) \) is continuous everywhere except at \( x = -1 \) and \( x = 1 \).
   (b) \( f(3) = 2 \)
   (c) \( \lim_{x \to -1} f(x) = 2 \)
   (d) \( \lim_{x \to 1^-} f(x) = 1 \)
   (e) \( \lim_{x \to 1^+} f(x) = -1 \)