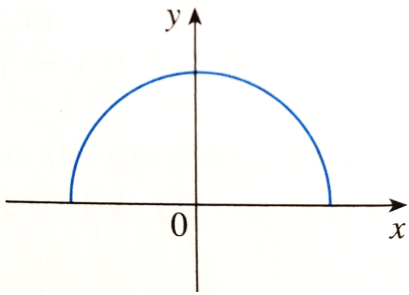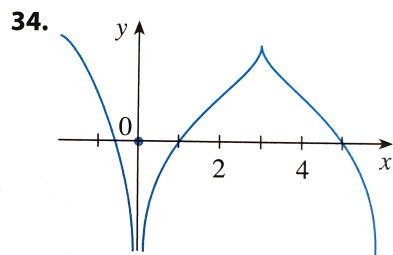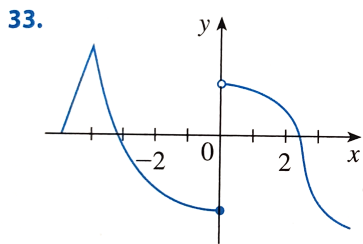# Worksheet 8
10/24/2022

1. Find the derivative of the function $f(t) = \frac{1}{\sqrt{t}}$.

2. The graph of a function f is given below. Use it to sketch the graph of f'.

3. The graph of a function f is given below. State, with reasons, the numbers at which f is not differentiable.

33.

34.

4. The figure shows the graphs of f, f', and f''. Identify each curve and explain your choices.