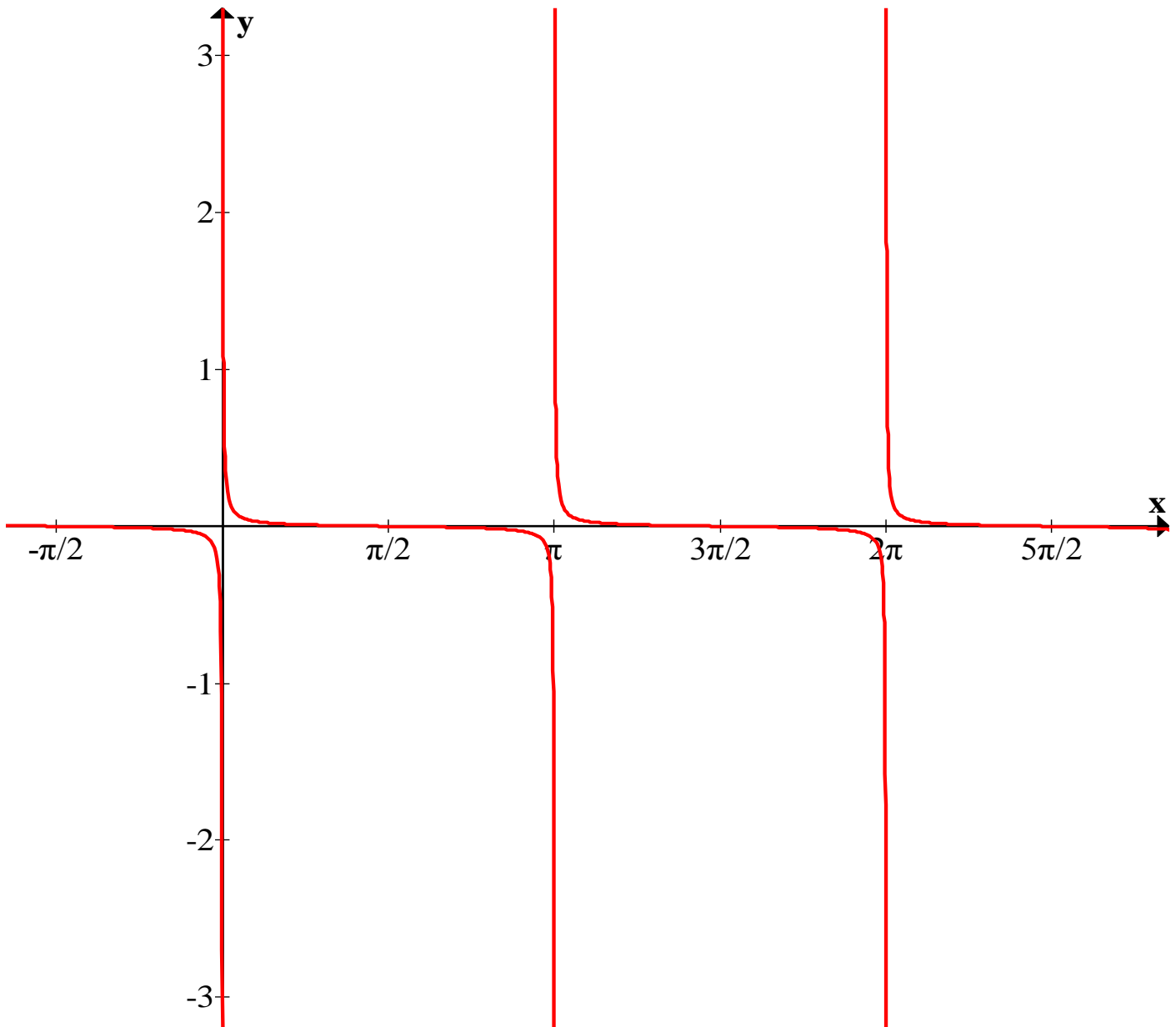


On the axis below, graph $y = \frac{1}{1,000,000} \cdot \cot(x)$



Note that the graph below is actually $y = \frac{1}{100} \cot(x)$, and notice how flat it is! $y = \frac{1}{1000000} \cot(x)$ would be quite similar, but even flatter. (unfortunately the graphing software I use to make the solutions breaks when I try to graph such an extreme function)