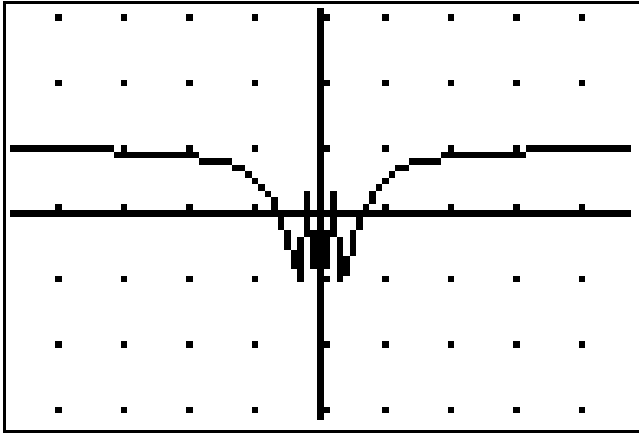
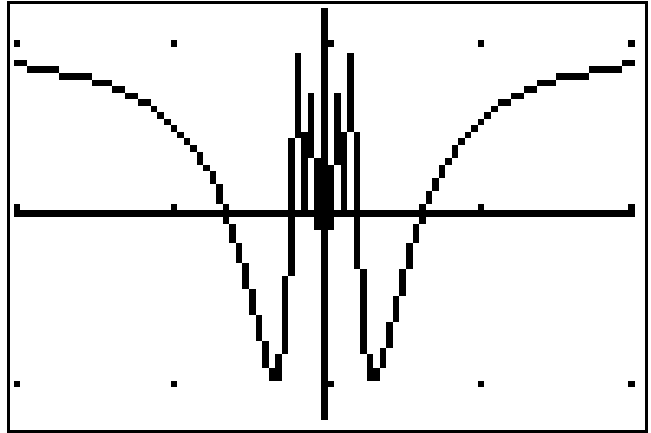


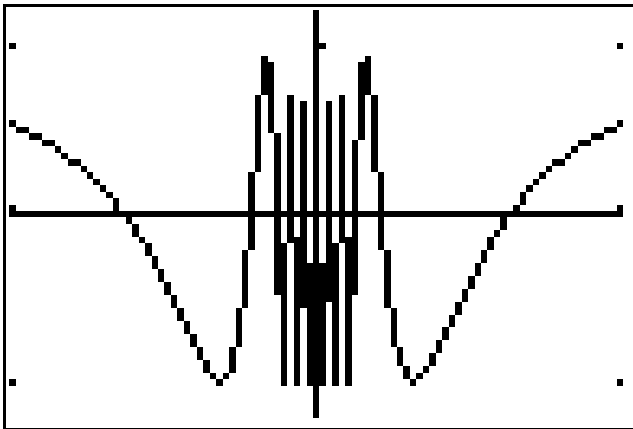
What is the behavior of the graph of $f(x) = \cos\left(\frac{1}{x}\right)$ as x approaches zero?



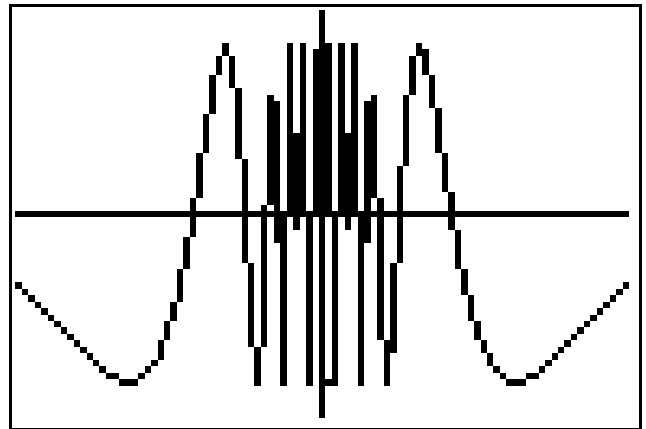
X: [-4.7, 4.7] Y: [-3.1, 3.1]



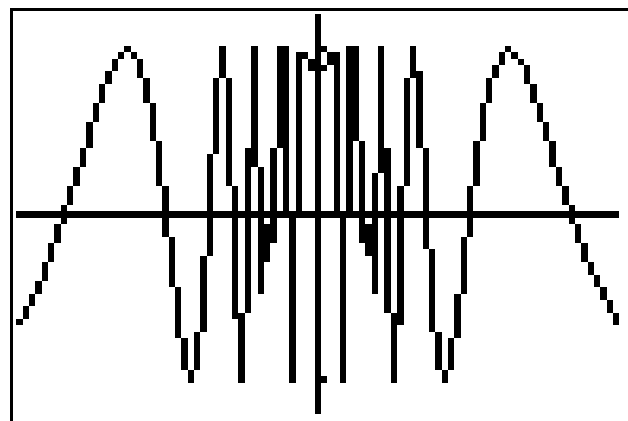
X: [-2, 2] Y: [-1.2, 1.2]



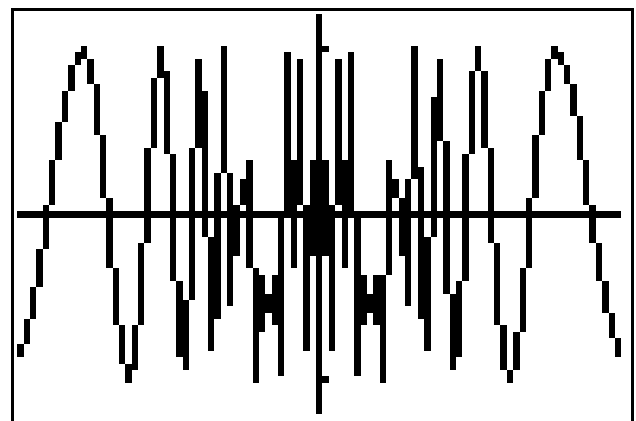
X: [-1, 1] Y: [-1.2, 1.2]



X: [-0.5, 0.5] Y: [-1.2, 1.2]



X: [-0.25, 0.25] Y: [-1.2, 1.2]



X: [-0.10, 0.10] Y: [-1.2, 1.2]