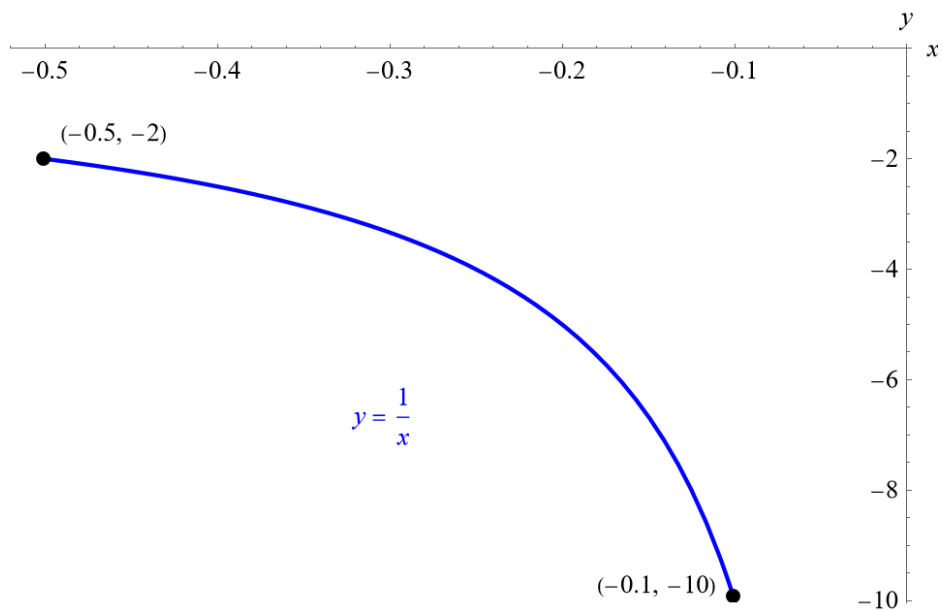


Exercise 56

Graph $y = \frac{1}{x}$ on the viewing window $[-0.5, -0.1]$ and $[0.1, 0.5]$. Determine the corresponding range for the viewing window. Show the graphs.

Solution

For $-0.5 \leq x \leq -0.1$, the range is $[-10, -2]$.



For $0.1 \leq x \leq 0.5$, the range is $[2, 10]$.

