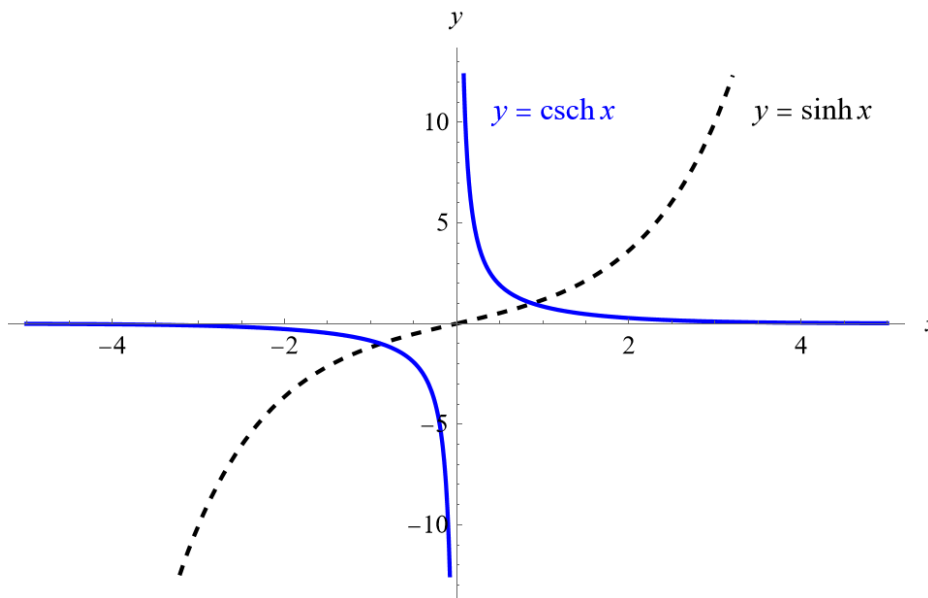


Exercise 22

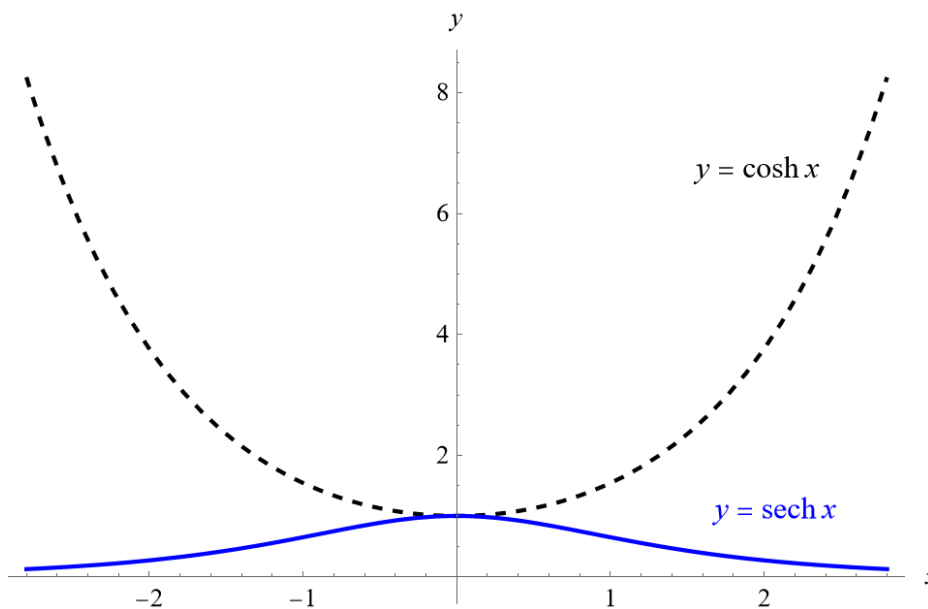
- (a) Use the graphs of \sinh , \cosh , and \tanh in Figures 1–3 to draw the graphs of csch , sech , and coth .
- (b) Check the graphs that you sketched in part (a) by using a graphing device to produce them.

Solution

Use the graph of \sinh to get the graph of csch .



Use the graph of \cosh to get the graph of sech .



Use the graph of \tanh to get the graph of \coth .

