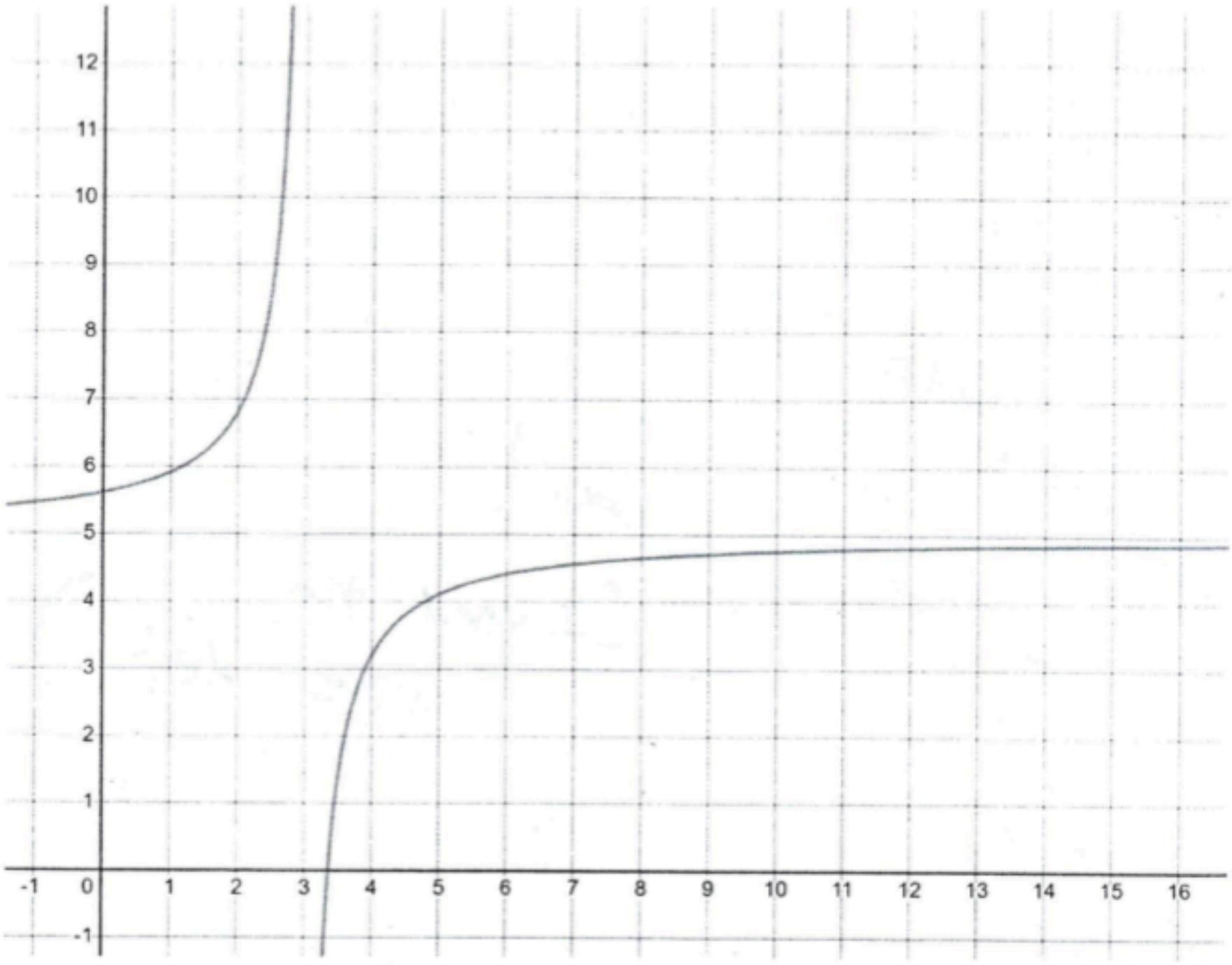


6. The graph above shows f(x).

a) Using the graph as reference, fill in the blanks (with numerical values, not variables). Show your work on the graph so that I can follow your reasoning.

The limit of f(x) as x approaches infinity seems to be _____ because if x >_____ then f(x) will be within 0.5 units of its limit.

The limit of f(x) as x approaches _____ from the left side seems to be positive infinity because if x is within _____ units of _____ from the left side then f(x) > 10

b) In the space below, sketch a graph of $f'(x)$.