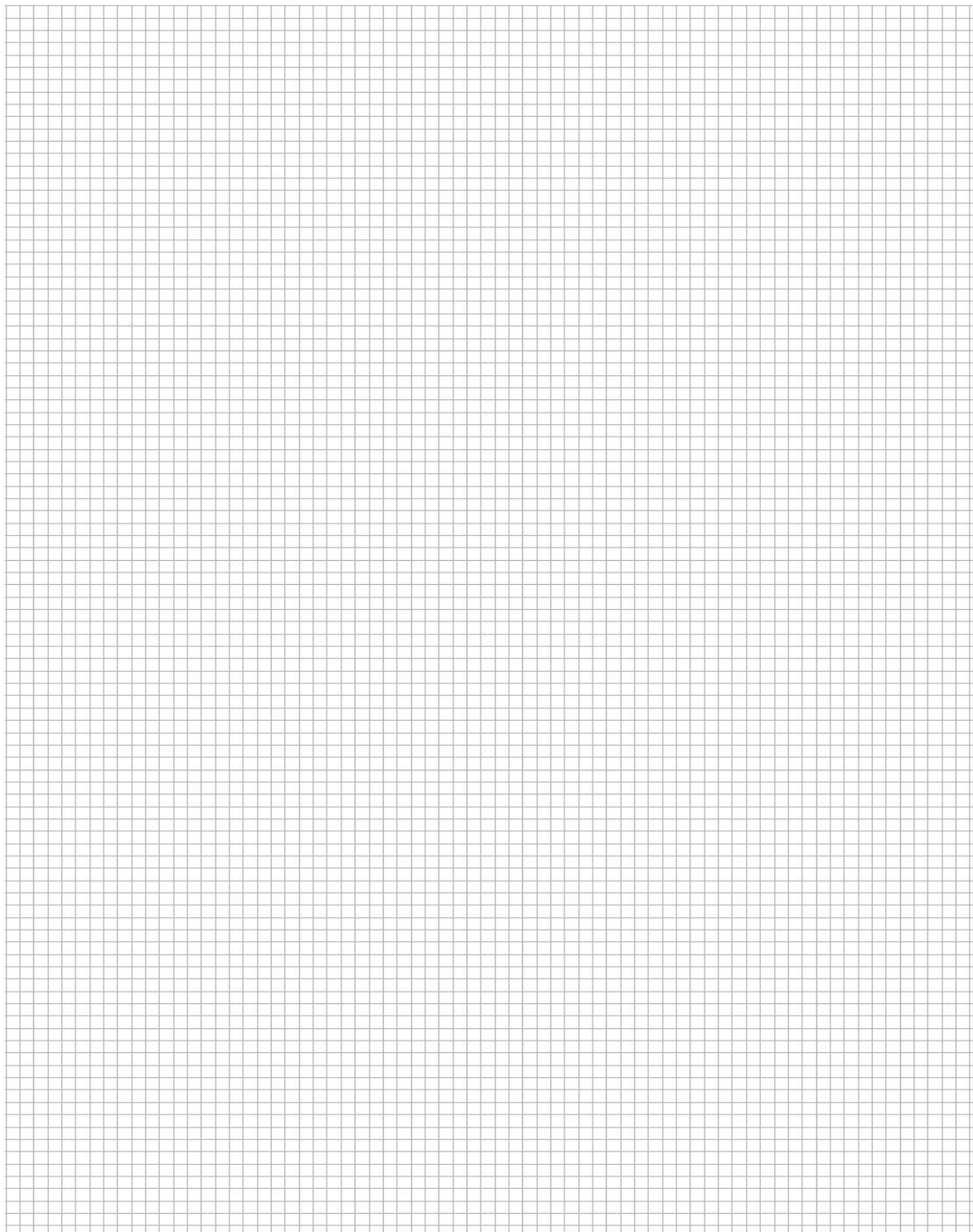


Completely evaluate the function $f(x) = \frac{x}{x^2 + 2}$. Then sketch the graph BY HAND using the information from your analysis.



Domain in interval notation	
Vertical Asymptote(s)	
Horizontal Asymptote(s)	
Slant Asymptote	
x -intercept(s)	
y -intercept(s)	
Critical value(s) for f	
Interval(s) where f is increasing	
Interval(s) where f is decreasing	
Relative minima	
Relative maxima	
Critical value(s) for f'	
Interval(s) where f is concave upwards	
Interval(s) where f is concave downwards	
Point(s) of inflection	

$$f'(x) =$$

$$f''(x) =$$