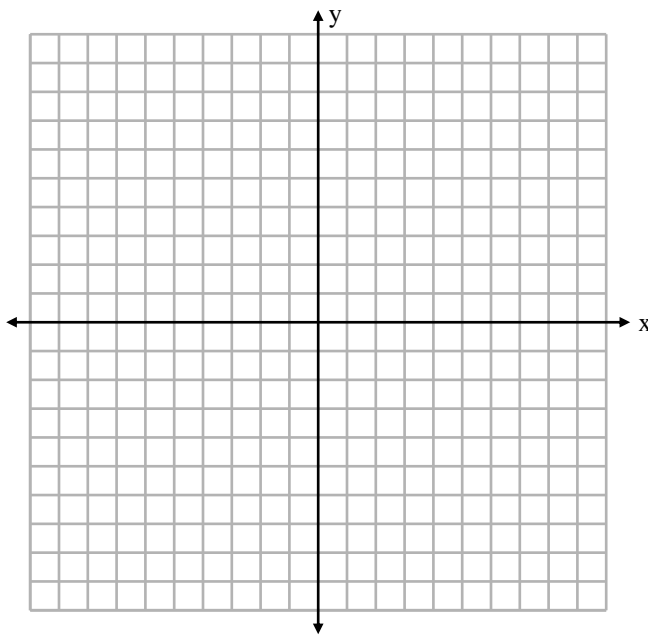


Instructions: Show all work. Use exact answers unless otherwise asked to round.

1. Find any asymptotes (vertical, slant or horizontal), along with any intercepts of the function

$$R(x) = \frac{3x^2+x-4}{2x^2-5x}. \text{ Use that information to sketch the graph of the function.}$$



2. Find any asymptotes (vertical, slant or horizontal), along with any intercepts of the function

$$R(x) = \frac{x^3+1}{x^2-1}. \text{ Use that information to sketch the graph of the function.}$$

