Graphing Starter Pack

1. Find local max and min and intervals of decreasing/increasing for $f(x) = \frac{x-2}{x^2-x+1}$

2. Find all asymptotes for $f(x) = \frac{4x^2+3x+1}{x^2-4}$?

3. Graph the function $f(x) = \frac{2x+2}{x-3}$?

4. Find the equation of the tangent line to $f(x) = 2x^3 + 6x^2 + 5x - 1$ at its inflection point?

5. Find the intervals of concave up/down for the function $f(x) = \frac{2.5}{2x^2-1}$?

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