

(1) Sketch the graphs of $\frac{1-2x}{x^2-4x+3}$ and $\frac{x-2x^3}{x^2-4}$.

(2) Sketch the graph of $-e^{-x-1} - 1$ by drawing e^x and using transformations.

(3) If I leave \$100 in my bank account at 10% interest, compounded yearly, how much will I have after 2 years? Suppose you compound monthly? Suppose you compound continuously?