

[11-01-20-RT]

*Graphing*

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On your calculator, graph each of the following functions. Be sure that you can adjust the viewport to find all of the interesting features of the graphs. We will identify those features in class by analytic methods.

[1]  $f(x) = 3x^4 - 4x^3 - 12x^2 + 5$

[2]  $g(x) = x(1 - x)^{\frac{2}{5}}$

[3]  $h(x) = x^3(x - 2)^2, -1 \leq x \leq 3$