

# Chapter 1.6: Power Functions

## Calculus I

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For each graph, match the plots with the functions.

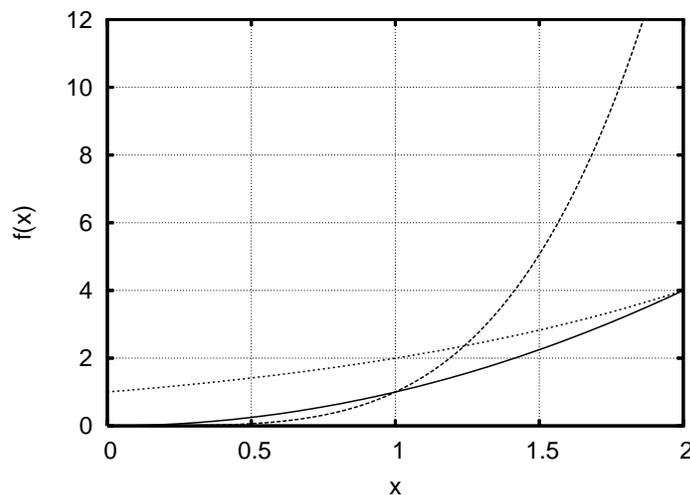


Figure 1: Plots of  $x^2$ ,  $x^4$ , and  $2^x$

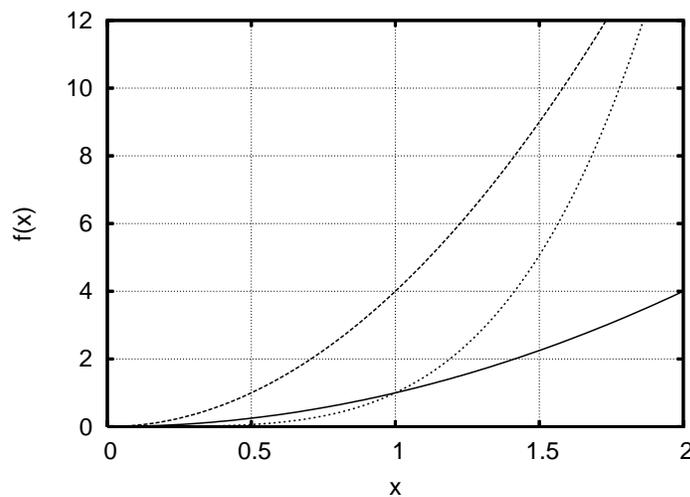


Figure 2: Plots of  $x^2$ ,  $4x^2$ , and  $x^4$

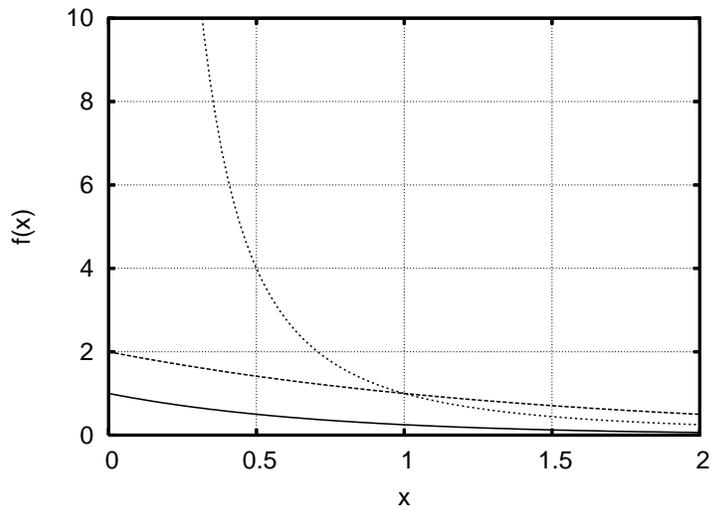


Figure 3: Plots of  $2^{-2x}$ ,  $2(2^{-x})$ , and  $x^{-2}$

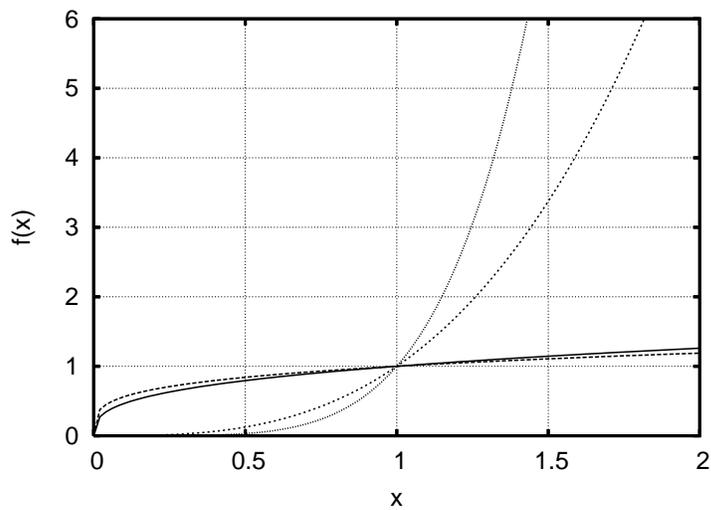


Figure 4: Plots of  $x^{1/3}$ ,  $x^{1/4}$ , and  $x^3$ ,  $x^5$ .