

Chapter 1.5: Some Graphing Puzzles

Calculus I

College of the Atlantic. Fall 2014

Make rough sketches of the following functions. Don't use a calculator. (I don't expect these to be easy, but hopefully they'll be fun to puzzle over.)

1. $2^{\sin(x)}$

2. $\sin(2^x)$

3. $(\sin(x))^2$

4. $\sin(x^2)$

5. $x^2 \sin(x)$