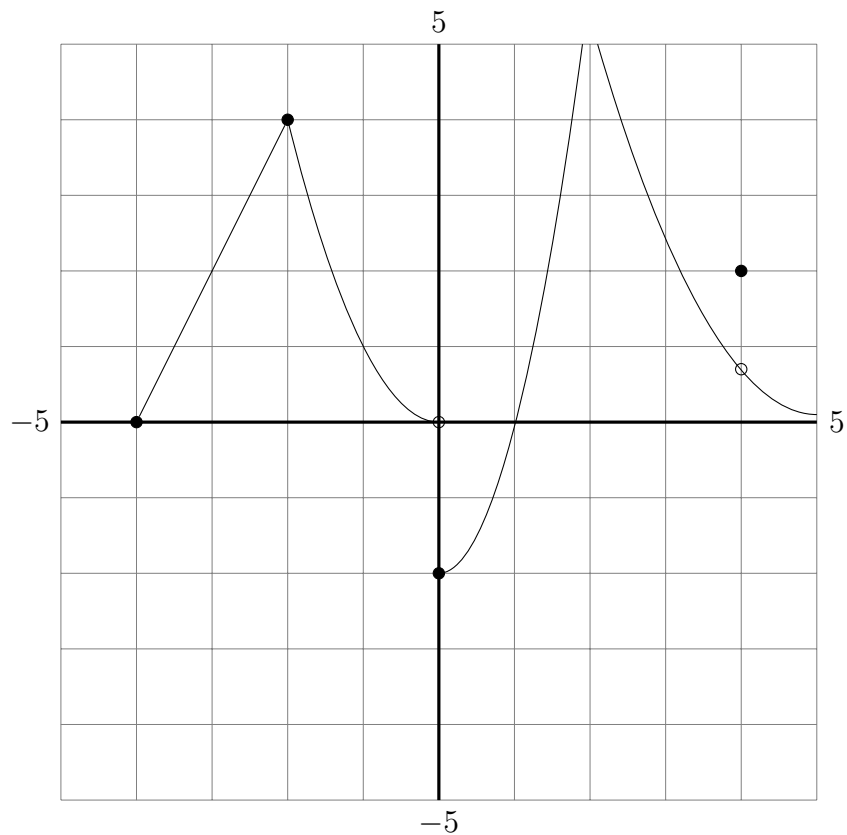


Math-13 Sections 01 and 02

Homework #5

Due: Midnight 9/25

Consider the following function:



Answer the following for the points at $c = -4, -2, 0, 2, 4$:

- a) Determine $\lim_{x \rightarrow c^-} f(x)$
- b) Determine $\lim_{x \rightarrow c^+} f(x)$
- c) Determine $\lim_{x \rightarrow c} f(x)$
- d) State whether or not the function is continuous at the point. If not, then state why.