Mathematics 242 – Principles of Analysis
Definitions Quiz 2 – February 7, 2014

Your Name: _____

A) (5) What does the Principle of Mathematical Induction say? (Just give the statement, not the proof.)

B) (5) Express the set $\{|x + 3| \mid x \in (-2, 4)\}$ as a union of one or more open intervals.