M4005 Quiz. January 30, 2006   Name:_____

1) In the assigned reading, Poincaré discusses two perspectives on the role that definitions play in the teaching of mathematics. What are they, and how does he propose that they be balanced?

2) According to the reading from Murphy, how does a natural concept, like "dog", differ from a mathematical concept like "right angle".

3) According to H. Wu, should K-4 mathematics teachers be concerned with definitions? Why or why not?