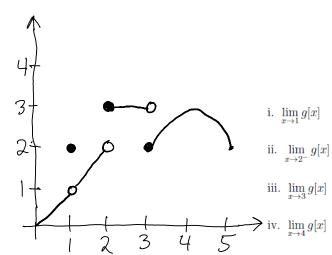
Limits and Continuity Worksheet

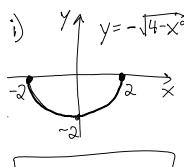
Tuesday, September 18, 2012

1. Use the graph of g(x) given in the figure to find the following values, if they exist. If a limit does not exist, explain why.

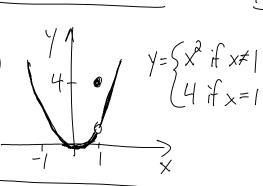
Names and student numbers for group (minimum of 2):

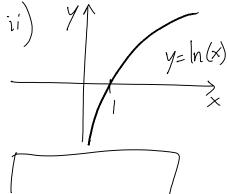


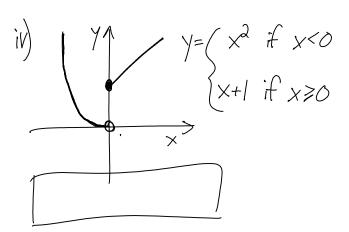
2. For each of the graphs drawn below, determine where the function is continuous by using interval notation. If it is not continuous somewhere, give a reason why (try using limit notation for this).











3. Is the following function f(x) continuous for all real values of x (looking not just at x=2)? For full credit, you must clearly justify your answer.

$$f \times \neq 2$$

$$if x = 6$$