Quiz 8

This quiz is graded out of 10 marks. No books, graphing calculators, notes or cell phones are allowed. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work. If you need more space for your answer use the back of the page.

Question 2. §7.3#20 *(10 marks)*
Set up and evaluate the integral that gives the volume of the solid generated by revolving the plane region about the x-axis. The plane region is defined by $y = \sqrt{x+2}$, $y = x$, $y = 0$.