

Quiz 6

This quiz is graded out of 8 marks. No books, watches, 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 1. (5 marks) Solve for x :

$$\sqrt{x-88} - \sqrt{x+87} = 95$$

Question 2. (3 marks) Solve for x and give the solution graph and set.

$$8 \leq \frac{-3x-5}{2} < 11$$