

Name: _____
Student ID: _____

Quiz 2

Question 1. (2 marks)

Solve for b :

$$A = \frac{1}{2}h(b+B)$$

Question 2. (3 marks) The perimeter of a ~~triangle~~ is 110cm. One side is double the second side and the third side is 30cm more than the second. Find the length of each side.

Question 3. (5 marks) Solve for x and give the solution graph and solution set (indicate which is which):

(a) $2x - 3(x - 4) \geq 4 - 2(x - 7)$

(b) $8 \leq 3 - \frac{5}{2}x < 18$