

Name: _____
Student ID: _____

Quiz 2

This quiz is graded out of 10 marks. No books, 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 1. pg.25#3h (3 marks)

Simplify the following:

$$\frac{x^2 - 4a^2}{ax + 2a^2} \times \frac{2a}{x - 2a}$$

Question 2. pg.33#6i (3 marks)

Simplify the following:

$$(3\sqrt{5} - 4\sqrt{2})(2\sqrt{5} + 3\sqrt{2})$$

Question 3. pg.39#12 (4 marks)

The sum of three consecutive even integers is 54. Find the integers.