

MATH241 Midterm 3

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Problem 1

Please solve for x in the following equation: $3x + 2 = 5$.

$$3x + 2 = 5$$

$$3x = 3$$

$$x = 1$$

Answer 1

Problem 2

Suppose that we have two (2) hamburgers, one from McDonald's™ and one from Burger King™. Which one should people choose and why? (Note that there is only one correct answer, partial credit will not be given for this question).

Answer McDonald's

Problem 3

Solve the system of equations for x and y. Make sure you show your steps otherwise no credit will be given.

$$7x - 8y = -12$$

$$-4x + 2y = 3$$

$$-16x + 8y = 12$$

$$7x - 8y = -12$$

$$-9x = 0$$

$$x = 0$$

$$y = \frac{3}{2}$$

Answer $x = 0, y = \frac{3}{2}$