

Solving Equations Exit Quiz

Part A: Multiple Choices: Instructions: Choose the option that completes the sentence or answers the question.

1. The solution to the equation $3(x + 2) = 2(2x + 2)$ is
 - a) 4
 - b) 2
 - c) 3
 - d) 0
2. The sum of two numbers is 55. The larger number is eleven more than the smaller number. The two numbers are
 - a) 33, 44
 - b) 11, 22
 - c) 22, 33
 - d) 0, 11
3. The solution to the equation $\frac{3x}{5} - \frac{x}{2} = 4$ is
 - a) 40
 - b) 23
 - c) 30
 - d) 35
4. The solution to the equation $2(40 + x) + 3x = 705$ is
 - a) 130
 - b) 200
 - c) 125
 - d) 140

Part B: Short Answer: Instructions: Answer the question below.

The sum of 3 consecutive even numbers is 78. Find the numbers.