**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
2. 4
3. 2
4. 3
5. 0

1. The sum of two numbers is 55. The larger number is eleven more than the smaller number. The two numbers are

1. 33, 44
2. 11, 22
3. 22, 33
4. 0, 11
5. The solution to the equation is
6. 40
7. 23
8. 30
9. 35
10. The solution to the equation 2(40 + x) + 3x = 705 is
11. 130
12. 200
13. 125
14. 140

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

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

**Answers: Short Quiz / Exit Slip: Properties of real numbers**

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

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

Let the 3 consecutive even numbers are x, x+2 and x+4.   
Therefore,   
  
x + (x + 2) + (x + 4) = 78  
  
Or 3x + 6 = 78  
  
Or 3x = 78 – 6 = 72  
  
Or x = 24 (Divide both sides by 3)   
  
So the three numbers are 24, 26, 18.