

## Review Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

1. Find three consecutive even integers such that three times the sum of the first and the last is four times the second.
2. Two number differ by five. <sup>threetimes</sup> the smaller number is seven-teen more than the larger number. Find each number.
3. The sum of two numbers is four-teen. Five times the smaller is two less than three times the larger. Find each.
4. If Tom were twice as old as he is now, he would be four times as old as he was four years ago. Find Tom's age now.
5. The length of a rectangle is four more than twice its width. The perimeter is 68. Find the Area of the rectangle.
6. Tom is twice as old as Sue. In six years, three times Sue's age will be one more than twice Tom's age. Find Tom's age now.
7. One side of a triangle is three more than another. The third side is two more than twice the larger of the first two sides. The perimeter is 55. Find each side.
8. A mother, age twenty-five, has a son age five. In how many years will the mother be three times as old as her son?
9. One number is eight more than another. Five times the smaller is twenty more than twice the larger. Find each number.
10. Find four consecutive integers such that the sum of three times the second and twice the fourth is two more than six times the first.