

Name: _____

Date: _____

Algebra I

Directions: Form let statements using variables, set up two equations, and solve algebraically.

1. Two numbers added together have a sum of 148. The larger number exceeds twice the smaller by 4. Find the two numbers.

2. One number is four times the other. Three times the larger number added to nine times the smaller number is 168. Find the two numbers.

3. Two numbers have a sum of 59. One number is three less than the other. Find the two numbers.

4. The sum of two numbers is 99. When twice one number is added to three times the other number, the sum is 248. Find both numbers.