Name: _____ Date: _____

<u>Quadratic Equations</u>

Solve the following word problems using factorization method :

a. Find two numbers whose sum is 37 and product is 300.

b. The height of a right triangle is 7 cm less than its base. If the hypotenuse is 13 cm, find the other two sides.

c. The product of two consecutive positive integers is 306. Find the integers.