

Name:

Date:

Hour:

Algebra 1
1.2C Application to Equations
(Consecutive Numbers, Geometry Application)

1. What two consecutive numbers add up to 305?
2. The sum of two consecutive numbers is 135. What are the two numbers?
3. BreAnne and Alicia's ages are consecutive numbers. If the sum of their ages is 65, how old are BreAnne and Alicia?
4. The sum of three consecutive numbers is 72. What is the largest number?
5. The sum of the angles of an equilateral triangle (each angle is the same degrees) is 180 degrees. Each angle is two more than four times x . Find x .
6. The perimeter of a rectangle is 44 inches. The width of the rectangle is six less than four times the length. Find the length and width of the rectangle.