

Name _____

Algebra 1

Date _____

8A Period _____

Take home quiz #4

Show all organized Work Due: _____

Use LESC to solve the following:

1. When seven times a number is decreased by 2, the result is 58 more than two times that number.

[10] Find the number.

2. The length of a rectangle is 17 meters less than 5 times the width. The perimeter is at least 86 meters. Find the least possible width and length of the rectangle.

[12]

3. Barbara has \$2.95 in her piggy bank. She has four times as many nickels as pennies and 1 less dime as she has nickels. How many of each type of coin does she have in her piggy bank?

[4]

4. Find the consecutive odd integers such that when three times the first is added to the third, the result would be 57 less than five times the second.

[2]