## Algebra I Class Worksheet \#3 Unit 3 page 1

Solve each of the following problems algebraically (one variable solution). Show your work neatly organized.

1. The sum of four consecutive whole numbers is 150 . What are the whole numbers?
2. The sum of four consecutive even whole numbers is 100 . What are the whole numbers?
3. The sum of four consecutive odd whole numbers is 200 . What are the whole numbers?
4. Ken is thinking of a number. If he multiplies his number by six and then subtracts four, he gets 188 . What was Ken's original number?
5. Kim is thinking of a number. If she subtracts five from her number and then multiplies by two, she gets 130 . What was Kim's original number?

## Algebra I Class Worksheet \#3 Unit 3 page 2

Solve each of the following problems algebraically (one variable solution). Show your work neatly organized.
8. Bill and Steve drive toward each other from places that are 231 miles apart. Bill averages 35 miles per hour, while Steve averages 42 miles per hour. If they both start driving at 8:00 AM, then at what time will they meet?
9. Ann and Kate drive toward each other from places that are 415 miles apart. Ann starts driving at 1:00 PM and averages 45 miles per hour. Kate also starts driving at 1:00 PM and averages 38 miles per hour. At what time will they meet?
10. Sue and Mark drive toward each other from places that are 350 miles apart. Sue starts driving at 8:00 AM and averages 52 miles per hour. Mark starts driving at 11:00 AM and averages 45 miles per hour. At what time will they meet?

