Name: _____

1. **Define variables.**
2. **Set up equation.**
3. **Solve equation.**
4. **Answer the question.**

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1. The sum of 3 consecutive integers is 53 more than the least of the integers. Find the integers.

2. The sum of three consecutive integers is 71 less than the least of the integers. Find the integers.

3. The sum of four consecutive even integers equals seven times the greatest of the integers. What are the integers?

4. The sum of three consecutive odd integers is 17 less than four times the smallest integer. What are the integers?

5. Twice the larger of two consecutive integers is equal to 15 less than 3 times the smaller. Find the integers.

6. Five times the larger of two consecutive odd integers is equal to one more than eight times the smaller. What are the integers?

7. Half the smaller of two consecutive even integers is equal to two more than the larger integer. Find the integers.

8. **Bonus:** Write your own sentence describing two consecutive integers like those above. Show how you decided on your sentence, and show the solution.