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| **Mini-lesson #5 Word Problems with Fractions and decimals** |
| **Consecutive Integers** | Integers in order | Example: |
| **Consecutive *Odd* Integers** | Integers in order by odd numbers | Example: |
| **Consecutive *Even* Integers** | Integers in order by even numbers | Example: |
| **For each word problem set up an equation, solve and answer the question.**1. If 17 is decreased by twice a number, the result is 5.
2. The sum of 3 consecutive integers is 96. Find the integers
3. If the width of a rectangle is 3 more than twice the length and the perimeter of the rectangle is 96 inches, what is the length and width of the rectangle?
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**Practice for ML #5 – Word Problems (Math 7)**

**For each word problem identify a variable, set up an equation, solve and answer the question.**

1. Find 4 consecutive integers whose sum is 358?
2. Find 3 consecutive even integers whose sum is 102.
3. Find 3 consecutive odd integers whose sum is -45.

1. If Sara has 5 more cookies than Carla and together they have 21 cookies how many cookies does Sara have?
2. You and your friend spent a total of $15.75 for lunch. Your friend’s lunch cost $3.75 more than yours did. How much did you spend for your lunch?
3. The first number is 5 more than the second number. The sum of 4 times the first number and 2 times the second number is 92. What are the numbers?
4. If the perimeter of the triangle is 108 cm, what are the lengths of the sides?

2x + 3

3x + 1

4x + 5