Consecutive Inetegers 1

Solve.

1) The sum of three consecutive integers is 429. Find the numbers.   1) _____

2) The code to unlock a safety deposit box is three consecutive odd integers whose sum is 75. Find the integers.   2) _____

3) The house numbers of two adjacent homes are two consecutive even numbers. If their sum is 410, find the house numbers.   3) _____

4) In a recent International Gymnastics competition, the U.S., China, and Romania were the big winners. If the total number of medals won by each team are three consecutive integers whose sum is 81 and the U.S. won more than China who won more than Romania, how many medals did each team win?   4) _____

Solve the problem.

5) The sum of two consecutive integers is -371. Find the larger integer.   5) _____

6) The sum of three consecutive integers is 393. Find the integers.   6) _____

7) The sum of three consecutive even integers is 156. Find the integers.   7) _____

8) Two pages that face each other in a book have 341 as the sum of their page numbers. What is the number of the page that comes first?   8) _____

9) If three times the smaller of two consecutive integers is added to four times the larger, the result is 137. Find the smaller integer.   9) _____

10) If the first and third of three consecutive odd integers are added, the result is 69 less than five times the second integer. Find the third integer.   10) _____

1) 142, 143, 144
2) 23, 25, 27
3) 204, 206
4) U.S.: 28 medals; China: 27 medals; Romania: 26 medals
5) -185
6) 130, 131, 132
7) 50, 52, 54
8) 170
9) 19
10) 25