5B Kakuro Solution

// KakuroB.cpp : Defines the entry point for the console application.
// assume that the length of the spaces is three. Given a clue number, find // a triple that would satisfy. that is the sum of the numbers in the // triple equals the clue. // check that the number is not too small, i.e. less than 6 // Unlike Kakuro which only allows single digits, we will accept // any integers up to two digits

int _tmain(int argc, _TCHAR* argv[])
{
    int length, sum;
    cout << "\nEnter sum: ";
    cin >> sum;
    if (sum < 6) {cout << "\nclue is too small for 3 spaces"; return 0;}
    int num1, num2, num3;
    num2 = sum/3;
    num1 = num2 -1;
    num3 = num2 + 1;
    cout << num1 << " " << num2 << " " << num3;
    if ((num1 + num2 + num3) < sum) num3++;
    if ((num1 + num2 + num3) < sum) num3++;
    cout << "\nOne triple is: " << num1 << " " << num2 << " " << num3;
    return 0;
}