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#include <iostream>
#include <stdio.h>
#include <stdlib.h>
#include <math.h>
using namespace std;

int main()
{
    int a, b, c;

    for (a = 1; a <= 12; a++) {
        for(b=1; b<=12; b++){
            for (c = 1; c <= 16; c++) {
                if (pow(c, 2) == pow(a, 2) + pow(b, 2))
                    printf("a=%2d b=%2d c=%2d\n", a, b, c);
            }
        }
    }

    return 0;
}
```