//201433920 한나영

#include <iostream>

using namespace std;

int cal(int n)

{

return (n\*n\*n);

}

int main()

{

int i, j, k;

int x, y, z;

int n, result;

for (x = 0; x < 10; x++)

{

for (y = 0; y < 10; y++)

{

for (z = 0; z < 10; z++)

{

n = (x \* 100) + (y \* 10) + z;

i = cal(x);

j = cal(y);

k = cal(z);

result = i + j + k;

if (n == result)

{

cout << n << "= " << x << "^3 +" << y << "^3 +" << z << "^3" << endl;

}

}

}

}