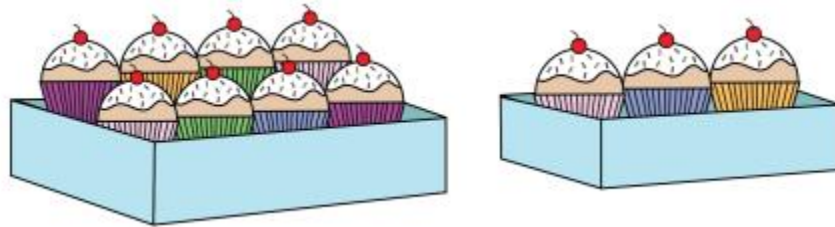# Cupcakes

Students like to bring cupcakes to class to share. The local store sells regular and small boxes of cupcakes. A regular box of cupcakes holds 8 cupcakes, while a small box holds 3 cupcakes.

There are 28 students in a class and everyone always brings a total of at least 28 cupcakes. However, sometimes students bring extra.

Your job is to determine how many cupcakes will be left over if each student in the class of 28 gets one cupcake.

Example 1:

```
How many regular boxes (8 cupcakes)? 2
How many small boxes (3 cupcakes)? 5
There will be 3 cupcakes leftover.
```

Example 2:

```
How many regular boxes (8 cupcakes)? 2
How many small boxes (3 cupcakes)? 4
There will be 0 cupcakes leftover.
```

An online C++ compiler is found here: https://www.onlinegdb.com/online_c++_compiler

This is an example of a C++ program:

```cpp
#include <iostream>
using namespace std;

int main ()
{
    double radius;
    cout << "Enter a radius: ";
    cin >> radius;
    double area = radius * radius * 3.14159;
    cout << "The area of the circle is " << area << " units.";
}
```