```
 Imperial to Metric conversion!

 Enter the number of tons: 5
 Enter the number of stones: 20
 Enter the number of pounds: 2
 Enter the number of ounces: 4

 The Metric weight is 5 metric tons, 208 kilos, and 255.4 grams.
```

```
Imperial to Metric conversion!

Enter the number of tons: 8
Enter the number of stones: 340
Enter the number of pounds: 1
Enter the number of ounces: 4

The Metric weight is 10 metric tons, 288 kilos, and 30.8 grams.
```

```
 Imperial to Metric conversion!

 Enter the number of tons: 24
 Enter the number of stones: 78
 Enter the number of pounds: 0
 Enter the number of ounces: 10

 The Metric weight is 24 metric tons, 880 kilos, and 705.3 grams.
```

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

int main() {
   cout << "\n\n Imperial to Metric conversion!\n\n";

   int numTons,numStones,numPounds, numOunces;
   double totalOunces;
   int totalKilos, metricTons;

   cout << " Enter the number of tons: ";
   cin >> numTons;

   cout << "Enter the number of stones: ";
   cin >> numStones;

   cout << "Enter the number of pounds: ";
   cin >> numPounds;

   cout << "Enter the number of ounces: ";
   cin >> numOunces;

   totalOunces = 35840 * numTons + 224 * numStones + 16 * numPounds + numOunces;
   totalKilos = totalOunces / 35.274;
   metricTons = int(totalKilos/1000);

   while (totalKilos >= 1000) {
      totalKilos = totalKilos - 1000;
   }

   //double remainingGrams = (totalOunces - (metricTons * 1000) - (totalKilos * 35.274))*28.35;
   totalOunces = totalOunces - ((totalKilos*35.274) + (metricTons*1000*35.274));
   double grams = totalOunces*28.35;

   cout << "\n The Metric weight is " << metricTons << " metric tons, " << totalKilos << " kilos, and ";
   printf( "%.1f", grams);
   cout << " grams. \n\n";

   return 0;
}
```