# Wild growth

There are three sisters high A cm ,B cm, C cm. One day a mysterious businessman peddled the fairy water to them. Legend has it that the water can grow high.

Each bottle of fairy water has a limited capacity. It can give a sister a 2cm or give two sisters a 1cm, and the three sisters want to grow as high as they want, but they want to buy a skirt, so they want to spend as little money as possible.

INPUT  
 A B C

0<=A,B,C<=1e8

Pay attention to time constraints. Pure simulation may lead to TLE.

OUTPUT

The output of a number indicates at least how many bottles to buy

Sample Input

2 5 4

2 6 3

31 41 5

Sample Output

2

5

23