Some phone usage rate may be described as follows:

* first minute of a call costs min1 cents,
* each minute from the 2nd up to 10th (inclusive) costs min2\_10 cents
* each minute after 10th costs min11 cents.

You have s cents on your account before the call. What is the duration of the longest call (in minutes rounded down to the nearest integer) you can have?

****Example****

For min1 = 3, min2\_10 = 1, min11 = 2 and s = 20, the output should be  
phoneCall(min1, min2\_10, min11, s) = 14.

Here's why:

* the first minute costs 3 cents, which leaves you with 20 - 3 = 17 cents;
* the total cost of minutes 2 through 10 is 1 \* 9 = 9, so you can talk 9 more minutes and still have 17 - 9 = 8 cents;
* each next minute costs 2 cents, which means that you can talk 8 / 2 = 4 more minutes.

Thus, the longest call you can make is 1 + 9 + 4 = 14 minutes long.