# 1518. Water Bottles

## SOLUTION IN C++

class Solution {

public:

int numWaterBottles(int numBottles, int numExchange) {

int ans = numBottles;

while (numBottles >= numExchange) {

ans += numBottles / numExchange;

numBottles = numBottles / numExchange + numBottles % numExchange;

}

return ans;

}

};