## Harry and big doughnuts

Young Harry was asked to buy some foodstuffs for his neighbour - a strange old lady who lived with a bunch of fat cats. But the cats were strange too and they ate only doughnuts. So the lady wanted Harry to bring exactly one doughnut for each of her cats - and she had c of them. Harry had a rucksack with him but as he was a little boy he could carry only k kilograms. Harry knew that each doughnut weights w kilograms (big cats, big doughnuts). Help him decide whether he should go to supermarket and buy the doughnuts or just give up and dream he could do some magic...

## Input

There is a single positive integer $\mathrm{t}(\mathrm{t}<=100)$ on the first line of input which corresponds to the number of tests (Harry was asked to buy doughnuts few times). Then tines follow, each containing three numbers: $\mathrm{c}, \mathrm{k}$ and $\mathrm{w}(1<=\mathrm{c}, \mathrm{k}, \mathrm{w}<=100$ ).
t [number of tests]
c k w [number of cats, Harry's hoisting capacity and weight of doughnut]
c k w [next test case]

## Output

t lines containing word "yes" if Harry is capable of handling the task or "no" if doughnuts would cause his spine crack.

## Example

Input:
3
5153
154
13252

## Output:

