

Problem U. U

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| Time limit | 1000 ms |
| Code length Limit | 50000 B |
| OS | Linux |

On a sunny Sunday afternoon, Chef prepared a brunch for his 20 neighbours. Chef prepared a total of X plates. However, the meal was so good that the neighbours started taking Y plates each.

Find the **maximum** number of neighbours Chef can feed **completely**.

Input Format

- The first line of input will contain a single integer T , denoting the number of test cases.
- Each test case consists of two space-separated integers X and Y — the number of plates Chef prepared and the number of plates each person takes respectively.

Output Format

For each test case, output on a new line, the **maximum** number of neighbours Chef can feed **completely**.

Constraints

- $1 \leq T \leq 405$
- $20 \leq X \leq 100$
- $1 \leq Y \leq 5$

Sample 1

| Input | Output |
|-------|--------|
| 4 | 20 |
| 20 1 | 10 |
| 20 2 | 20 |
| 100 4 | 14 |
| 74 5 | |

****Test case 1:**** Chef prepared 20 plates and each neighbour eats 1 plate. Thus, Chef can feed all 20 neighbours.

Test case 2: Chef prepared 20 plates and each neighbour eats 2 plates. Thus, Chef can feed only 10 neighbours.

Test case 3: Chef prepared 100 plates and each neighbour eats 4 plate. Thus, Chef can feed all 20 neighbours and still have 20 plates left.

Test case 4: Chef prepared 74 plates and each neighbour eats 5 plate. Thus, Chef can feed only 14 neighbours completely. Note that Chef would still have $74 - 5 \cdot 14 = 4$ plates left.