**Application of Common Divisor**

**Problem Description:**Let D, Q1, Q2, R1, and R2 be positive integers. If (Q1-R1)=D\*x and (Q2-R2)=D\*y for some integers x and y, then how many values of divisor D that will satisfy the above constraints? Output all the values of D if it exists. For example, if Q1 = 109, R1 = 1, Q2 = 75, and R2 = 3, then D can be 1, 2, 3, 4, 6, 9, 12, 18, or 36.

**Technical Specification:**

1. D, Q1, Q2, R1, and R2 are positive integers and at most 200.
2. R1 < Q1
3. R2 < Q2

**Input File Format:**The first line contains an integer n which indicates the number of test cases. Each of the following n lines contains the values of Q1, R1, Q2, and R2 sequentially.

**Output Format:**

For each test cases, output the values from small to large of divisor D that satisfies the constraints in one line. There is a space between two values.

**Example**

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| --- | --- |
| **Sample Input:** | **Sample Output:** |
| 2  109 1 75 3  27 3 38 2 | 1 2 3 4 6 9 12 18 36  1 2 3 4 6 12 |