

## Area of Rectangle, Right Angled Triangle and Circle

Calculate the area of rectangle, right angled triangle and circle.

### Input:

The first line of the input contains T denoting the number of testcases. Then follows the description of testcase. Each testcase contains 5 space separated positive integers denoting the **length of rectangle, width of rectangle, base of right angled triangle, perpendicular of right angled triangle and radius of circle** respectively.

### Output:

For each testcase, output a single line containing 3 space separated integers denoting the **area of rectangle, area of right angled triangle, and area of circle** respectively.

**Note:** We need to print the floor values of the areas. Also take value of pi = 3.14

### Constraints:

$$1 \leq T \leq 50$$

$$1 \leq \text{length} / \text{breadth} / \text{base} / \text{perpendicular} / \text{radius} \leq 100$$

### Example:

Input:

1

32 32 54 12 52

Output:

1024 324 8490