```java
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        int test=input.nextInt();
        for(int i=0;i<test;i++)
        {
            int N=input.nextInt();
            int X=input.nextInt();
            int Y=input.nextInt();
            int res=(N+1)*Y;
            if(res>=X)
            {
                System.out.println("Yes");
            }
            else
            {
                System.out.println("No");
            }
        }
    }
}
```