

```
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 K=input.nextInt();
            if(N%K==0)
            {
                System.out.println(N/K);
            }
            else
            {
                System.out.println(-1);
            }
        }
    }
}
```