

Problem :

<https://www.codechef.com/submit-v2/ALTERADD>

Code:

```
import java.util.*;
import java.lang.*;
import java.io.*;

/* Name of the class has to be "Main" only if the class is public. */
class Codechef
{
    public static void main (String[] args) throws java.lang.Exception
    {
        // your code goes here
        Scanner sc = new Scanner(System.in);
        int t = sc.nextInt();
        for(int i=0;i<t;i++){
            int flag = 0;
            int j = 1;
            int a = sc.nextInt();
            int b = sc.nextInt();
            if((b-a)%3==2){
                System.out.println("NO");
            }
            else System.out.println("YES");
        }
    }
}
```