```c
#include<stdio.h>
int main()
{
    int T,i=0,n,t;
    scanf("%d",&T);
    while(i<T)
    {
        scanf("%d",&n);
        t=n/4;
        if(t%2==0 && n%2==0)
        {
            printf("No\n");
        }
        else if(t%2==1 && n%2==1)
        {
            printf("No\n");
        }
        else
        {
            printf("Yes\n");
        }
        i++;
    }
}
```

	Input	Expected	Got	
✓	3	Yes	Yes	✓
	1	Yes	Yes	
	6	No	No	
	7			

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int a,b,n=0;
    scanf("%d",&a);
    while(a>0)
    {
        b=a%10;
        if(b==0 || b==4 || b==6 || b==9)
        {
            n=n+1;
        }
        else if(b==8)
        {
            n=n+2;
        }
        a=a/10;
    }
    printf("%d",n);
}
```

	Input	Expected	Got	
✓	630	2	2	✓
✓	1288	4	4	✓

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int n,r=0;
    scanf("%d",&n);
    while(n!=0)
    {
        n/=2;
        r+=1;
    }
    printf("%d",r);
}
```

	Input	Expected	Got	
✓	10	4	4	✓
✓	5	3	3	✓
✓	20	5	5	✓
✓	500	9	9	✓
✓	1000	10	10	✓

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int n,count;
    while(scanf("%d",&n)==1)
    {
        if(n%2!=0)
        {
            count++;
        }
    }
    printf("%d\n",count);
    return 0;
}
```

	Input	Expected	Got	
✓	5 10 15 20 25 30 35 40 45 50	5	5	✓

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int a,ch;
    scanf("%d",&a);
    while(a!=0)
    {
        int b=a%10;
        a=a/10;
        switch(b)
        {
            case 0:
            case 6:
            case 8:
            case 9:
            ch=0;
            break;
            default:
            ch=1;

        }
    }
    if(ch==1)
    {
        printf("false");
    }
    else
    {
        printf("true");
    }
    return 0;
}
```

	Input	Expected	Got	
✓	6	true	true	✓
✓	89	true	true	✓
✓	25	false	false	✓

Passed all tests! ✓

```
1   #include<stdio.h>
2   int main()
3   {
4       long int n,k,sum;
5       scanf("%ld %ld",&n,&k);
6       sum=0;
7       for(int i=1;i<=n;i++)
8       {
9           sum+=i;
10          if(sum==k)
11          sum-=1;
12      }
13      printf("%ld",sum%1000000007);
14  }
```

	Input	Expected	Got	
✓	2 2	3	3	✓
✓	2 1	2	2	✓
✓	3 3	5	5	✓

Passed all tests! ✓