```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 n,h,r;
    scanf("%d",&n);
    while(n>0)
    {
        r=n%10;
        if(r==0 || r==4 || r==6 || r==9)
        {
            h=h+1;

        }
        else if(r==8)
    {
        h=h+2;
    }
    n=n/10;
    }
    printf("%d",h);

}
```

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

Passed all tests! ✓

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

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

Passed all tests! ✓