

```

1 #include<stdio.h>
2 int main()
3 {
4     int i,a,n;
5     scanf("%d",&a);
6     i=0;
7     while(i<a)
8     {
9         scanf("%d",&n);
10        int x=n/4;
11        if(n%2==0&&x%2==0)
12        {
13            printf("No\n");
14        }
15        else if(n%2!=0&&x%2!=0)
16        {
17            printf("No\n");
18        }
19        else
20        {
21            printf("Yes\n");
22        }
23        i++;
24    }
25 }
26

```

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

```

1 #include<stdio.h>
2 int main()
3 {
4     int a,sum=0,digit=0,n;
5     scanf("%d",&a);
6     n=a;
7     while(n!=0)
8     {
9         digit++;
10        n=n/10;
11    }
12    for(int i=0;i<digit;i++)
13    {
14        n=a%10;
15        if(n==0||n==4||n==6||n==9)
16        {
17            sum+=1;
18        }
19        else if(n==8)
20        {
21            sum+=2;
22        }
23        a=a/10;
24    }
25    printf("%d",sum);
26 }

```

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

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main()
3 {
4     int a,sum=0;
5     scanf("%d",&a);
6     while(a!=0)
7     {
8         int i=1;
9         sum=sum+i;
10        a=a/2;
11    }
12    printf("%d",sum);
13 }

```

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