

Answer: (penalty regime: 0 %)

```
1  #include<stdio.h>
2  int main()
3  {
4      int T,i=0,n,t;
5      scanf("%d",&T);
6      while(i<T)
7      {
8          scanf("%d",&n);
9          t=n/4;
10         if(t%2==0 && n%2==0)
11         {
12             printf("No\n");
13         }
14         else if(t%2==1 && n%2==1)
15         {
16             printf("No\n");
17         }
18         else
19         {
20             printf("Yes\n");
21         }
22         i++;
23     }
24 }
25
26
27
28
```

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

Passed all tests! ✓

```

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

```

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

Passed all tests! ✓

```

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

```

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

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      int n,x=0;
5      while(scanf("%d",&n)==1){
6          if(n%2!=0){
7              x++;}
8          printf("%d",x);
9          return 0;
10 }

```

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

```

1 #include<stdio.h>
2 int main()
3 {
4     int n,x,y=1;
5     scanf("%d",&n);
6     while(n!=0 && y==1){
7         x=n%10; n=n/10;
8         if(x == 2 || x == 3 || x == 4 || x ==7){
9             y++;}}
10    if(y == 1){
11        printf("true");}
12    else{
13        printf("false");}
14    }
15
16
17

```

	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 long int n,t,i,nut=0;
5      scanf("%lld %lld",&n,&t);
6      for(i=1;i<=n;i++){
7          nut=nut+i;
8          if(nut == t){
9              nut = nut-1;}}
10         printf("%lld",nut % 1000000007);
11     }
12

```

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