

```

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

```

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

Passed all tests! ✓

```

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

```

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

Passed all tests! ✓

```

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

```

	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   {
7     if(n%2!=0)
8     {
9       x++;
10    }
11  }
12  printf("%d",x);
13  return 0;
14 }

```

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

Passed all tests! ✓

```

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     {
8         x=n%10; n=n/10;
9         if(x==2 || x==3 || x==4 || x==7)
10        {
11            y++;
12        }
13    }
14    if(y==1)
15    {
16        printf("true");
17    }
18    else
19    {
20        printf("false");
21    }
22 }

```

	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     {
8         nut=nut+i;
9         if(nut==t)
10        {
11            nut=nut-1;
12        }
13    }
14    printf("%lld",nut%1000000007);
15 }

```

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

Passed all tests! ✓

