```java
import java.util.Scanner;
import java.util.Arrays;
import java.io.*;
class Main
{
 public static void main(String[] args)
    {
       Scanner input=new Scanner(System.in);
       PrintWriter pw=new PrintWriter(System.out);
       int test=input.nextInt();
       input.nextLine();
       while(test-->0)
       {
          int n=input.nextInt();
          int k=input.nextInt();
          long c=input.nextInt();
          long arr[]=new long[n];
          for(int i=0;i<n;i++)
          arr[i]=input.nextLong();
          Arrays.sort(arr);
          int min=0;
          int max=n/k;
          int ans=0;
          while(min<=max)
          {
             int mid=min+(max-min)/2;
             if(check(arr,mid,k,c))
             {
                ans=mid;
                min=mid+1;
             }
             else
             max=mid-1;
          }
          pw.println(ans);
       }
       pw.close();
      }
    static boolean check(long[] a,int x,int k,long c)
    {
       if(k*x>a.length)
       return false;
       if(x==0)
       return true;
       long v[][]=new long[k][x];
       for(int i=0;i<x;i++)
       v[0][i]=a[i];
       int s=x;
       for(int i=1;i<k;i++)
       {
          for(int j=0;j<x;j++)
          {
             boolean flag=false;
             while(s<a.length)
             {
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            if(a[s]>=c*v[i-1][j])
            {
                v[i][j]=a[s];
                s++;
                flag=true;
                break;
            }
            s++;
        }
        if(!flag)
        return false;
    }
}
return true;
}
}
```