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import java.util.Scanner;
public class SumofTwoPrimes2 {
static int checkPrime(int n){
if(n < 2) return 0;
if(n == 2 || n == 3) return 1;
if(n%2 == 0 || n%3 == 0) return 0;
for(int i = 3; i <= Math.sqrt(n)+1; i+=2) {
    if(n%i==0) return 0;
}
return 1;}
public static void main(String arg[])
{
int flag = 0,j=0;
int i;
Scanner s=new Scanner(System.in);
int t=s.nextInt();int n[]=new int[t];
for(i=0;i<t;i++)
n[i]=s.nextInt();
while(j!=t)
{
    if(checkPrime(n[j])==1)
        {System.out.println("no");j++;}
    else
        {
flag=0;
for(i = 2; i<= n[j]/2; ++i)
{
if (checkPrime(i) == 1)
{
if (checkPrime(n[j]-i) == 1)
{
System.out.println("yes");
flag = 1;
}
}
if(flag==1)
break;
}
}
if (flag == 0)
System.out.println("no");
j++;}
}
}
}

```