#include <iostream>

using namespace std;

bool checkForPrime(int num){

bool numIsPrime = true;

for(int j=2; j<num ; ++j){

if(num%j == 0)numIsPrime = false;

}

if (numIsPrime == true)return true;

else return false;

}

int main(){

int array[7] = {7,2,3,4,8,14,13};

int count =0;

for(int i=0; i<7; ++i){

int val = checkForPrime(array[i]);

if(val == 1)

{

count=count+1;

}

}

cout<<"Number of prime: "<<count<<endl;

return 0;

}