

Програмски језик PASCAL

1.

```
Program ops_II_1;
Var d,s,r,k,d1,s1:integer;
Begin
  readln(d,s);
  readln(r);
  d1:=2*r+d;
  s1:=2*r+s;
  k:=2*(d1+s1);
  writeln(k)
End.
```
2.

```
Program ops_II_2;
Var d,s,p,k:integer;
Begin
  readln(d,s);
  readln(p);
  k:=0;
  if (d mod p <> 0) and (s mod p = 0) then
    k:=s div p;
  if (d mod p = 0) and (s mod p <> 0) then
    k:=d div p;
  if (d mod p <> 0) and (s mod p <> 0) then
    k:=d div p + s div p + 1;
  writeln(k)
End.
```
3.

```
Program ops_II_3;
Var d,n,i,k,r:integer;
Begin
  readln(d);
  readln(n);
  k:=0;
  for i:=1 to n-1 do begin
    readln(r);
    if r div d > 3 then k:=k + 3
    else if r>d then k:=k + r div d - 1
  end;
  writeln(k)
End.
```

Програмски језик BASIC

1.

```
REM OPSTINSKO_II_1
INPUT D, S
INPUT R
D1 = 2 * R + D
S1 = 2 * R + S
K = 2 * (D1 + S1)
PRINT K
END
```
2.

```
REM OPSTINSKO_II_2
INPUT D, S
INPUT P
K = 0
IF D MOD P <> 0 AND S MOD P = 0 THEN K = S \ P
IF D MOD P = 0 AND S MOD P <> 0 THEN K = D \ P
IF D MOD P <> 0 AND S MOD P <> 0 THEN K = D \ P + S \ P + 1
PRINT K
END
```
3.

```
REM OPSTINSKO_II_3
INPUT D
INPUT N
K = 0
FOR I = 1 TO N - 1
    INPUT R
    IF R \ D > 3 THEN
        K = K + 3
    ELSEIF R > D THEN
        K = K + R \ D - 1
    END IF
NEXT I
PRINT K
END
```

Програмски језик C

1.

```
// Opstinsko - II kategorija - 1 zadatak
#include <iostream.h>
void main() {
    int d,s,r,k,d1,s1;
    cin >> d >> s;
    cin >> r;
    d1=2*r+d;
    s1=2*r+s;
    k=2*(d1+s1);
    cout << k << "\n";
}
```
2.

```
// Opstinsko - II kategorija - 2 zadatak
#include <iostream.h>
void main() {
    int d,s,p,k;
    cin >> d >> s;
    cin >> p;
    k=0;
    if (d%p!=0 && s%p==0) k=s/p;
    if (d%p==0 && s%p!=0) k=d/p;
    if (d%p!=0 && s%p!=0) k=d/p+s/p+1;
    cout << k << "\n";
}
```
3.

```
// Opstinsko - II kategorija - 3 zadatak
#include <iostream.h>
void main() {
    int d,n,i,k,r;
    cin >> d;
    cin >> n;
    k=0;
    for(i=1;i<n;i++){
        cin >> r;
        if (r/d>3) k=k+3;
        else if (r>d) k=k+r/d-1;
    }
    cout << k << "\n";
}
```