

Задача 3

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program P;
uses crt;
var x1, x2, y1, y2, a, b, k, N: integer;
begin
  readln(N);
  readln(x1, y1);
  readln(x2, y2);
  if (x1 <= n) and (x2 < n) and (y1 <= n) and (y2 < n) then
  begin
    k := 0;
    a := x1;
    b := y1;

    if y2 < 1 then
    begin
      a := x2;
      b := y2 + 1;
      k := k + abs(x1 - a) + abs(y1 - b);
    end;

    x1 := a;
    y1 := b;
    a := x1;
    b := 2;
    k := k + abs(x1 - a) + abs(y1 - b);

    x1 := a;
    y1 := b;
    a := x1;
    y1 := b;
    a := x1;
    b := 2;
    k := k + abs(x1 - a) + abs(y1 - b);

    x1 := a;
    y1 := b;
    a := x2 + 1;
    b := 1;
    k := k + abs(x1 - a) + abs(y1 - b);

    x1 := a;
    y1 := b;
    a := 1;
    b := 1;
    k := k + abs(x1 - a) + abs(y1 - b);
  end
  else k := -1;
  writeln(k);
  readln
end.

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Задача 4

```

program p;
uses crt;
var a, b, c, m, n, m1, n1, k: integer;
begin
  readln(a, b, c);
  m := 1;
  k := 0;
  while m <= c/2 do
  begin
    m := m + 1;
    n := c - m;
    m1 := m;
    n1 := n;
    while (m1 >= a) and (n1 >= b) or (m1 >= b) and (n1 >= a) do
    begin
      if m1 > n1 then m1 := m1 - n1 else n1 := n1 - m1;
      if (m1 = a) and (n1 = b) or (m1 = b) and (n1 = a) then k := k + 1;
    end;
  end;
  writeln(k);
  readln
end.

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Задача 1

```

program p;
uses crt;
var n, a, b, x, y, k, z, w, m, g:integer;
begin
  readln(n);
  a:=-1;
  m:=0;
  w:=0;
  while w=0 do
  begin
    a:=a+1;
    x:=a;
    b:=n-a;
    y:=b;
    k:=0;
    z:=0;
    while z=0 do
    begin
      if x mod 10=7 then k:=k+1;
      x:=x div 10;
      if y mod 10=7 then k:=k+1;
      y:=y div 10;
      if (x=0)and(y=0) then z:=1;
    end;
    if k=m then g:=g+1;
    if k>m then
    begin
      m:=k;
      g:=1;
    end;
    if m=0 then g:=0;
    if a=n then w:=1;
  end;
  writeln (g, ' ', m);
  readln
end.

```

Утого 2808.

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