

280

①

```
var x, y, z, a : integer;  
begin  
  readln (x);  
  readln (y);  
  a := x * y;  
  if (a mod 2 = 0) then begin  
    z := a div 2; end  
  else begin  
    z := a div 2 + 1;  
  end;  
  writeln (z);  
end.
```

②

```
var x, y, z : integer;  
begin  
  readln (x);  
  readln (y);  
  z := 0;  
  if (y = 1) then begin  
    if (x > 3) then begin  
      z := z + 1;  
      y := y - 4;  
    end;  
  end;  
  if (y = 3) then begin  
    if (x > 2) then begin  
      z := z + 1;  
      y := y - 3;  
    end;  
  end;  
end;
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1005

1000

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if (y=4) then begin
  if (x>5) then begin
    z := z+1;
    y := y-6;
  end;
end;
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end;
if (y=5) then begin
  if (x>1) then begin
    z := z+1;
    y := y-2;
  end;
end;
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end;
if (y=6) then begin
  if (x>4) then begin
    z := z+1;
    y := y-5;
  end;
end;
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end;
if (y=7) then begin
  z := z+1;
  y := y-1;
end;
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z := z + y div 7;
writeln (z);
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end.

③ type a = array [1..4] of string;
s = set of char;

const
n : a = ('122211', '11222', '112222', '222211');

const
chars : s = ['A'..'Z'];
numbers : s = ['0'..'9'];

var i, j : integer; str : string;

begin readln (str);
for j := 1 to length(str) do
 if str[j] in chars then begin

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    str[j] := '1';  
  end  
  else begin  
    str[j] := '2';  
  end;  
  j := 4;  
  while j <> 0 do  
  begin  
    if str = n[j] then  
      break;  
    Dec(j);  
  end;  
  writeln(j);  
end;  
end.
```

270

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1) Var n, m, x, y : integer;
   Begin
   Readln (n, m);
   If (x mod 2 = 0) then begin
   y := x div 2;
   end
   else begin
   y := x div 2 + 1;
   end;
   Writeln ('Черных клеток', y);
   end.

```

```

2) Var x, y, z : integer;
   begin
   Readln (x, y);
   z := 0;
   If (y = 1) then begin
   If (x > 3) then begin
   z := z + 1;
   y := y - 4;
   end;
   end;
   If (y = 3) then begin
   If (x > 2) then begin
   z := z + 1;
   y := y - 3;
   end;
   end;
   If (y = 4) then begin
   If (x > 5) then begin
   z := z + 1;

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y := y - 6;
end;
end;
if (y = 6) then begin
if (x > 4) then begin
z := z + 1;
y := y - 5;
end;
end;
if (y = 7) then begin
z := z + 1;
y := y - 1;
end;
z := z + y div 7;
writeln ('Пятму 13-ых в ', x, ' месяцах бюджет ', z);
end.

```

3) type
a = array [1..4] of string;
S = set of char;
const
n: a = ('122211', '11222', '112222', '222211');
const
chars: S = ['A'..'Z'];
numbers: S = ['0'..'9'];
var
i, j: integer;
str: string;
begin
Readln (str);
for j := 1 to length (str) do
if str [j] in chars then begin
str [j] := '1'; end
else begin
str [j] := '2'; end;
j := 4;
while j <> 0 do
begin
if str = n [j] then
break;
Dec (j);
end;
writeln (j);
end; end.

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