

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;
```

100

100

```
if (y=4) then begin
  if (x>5) then begin
    z := z+1;
    y := y-6;
  end;
end;
```

```
end;
if (y=5) then begin
  if (x>1) then begin
    z := z+1;
    y := y-2;
  end;
end;
```

```
end;
if (y=6) then begin
  if (x>4) then begin
    z := z+1;
    y := y-5;
  end;
end;
```

```
end;
if (y=7) then begin
  z := z+1;
  y := y-1;
end;
```

```
z := z + y div 7;
writeln (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

280

```
    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

```

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;

```

100

100

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 ('Пятницу 13-ых в ', x, ' месяцах будет ', 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.