



•
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,
,
-
.
!
:
W B.
W B-
:
-
:

WBWBWBBW	4
BWBBWBWB	
WBWWBWBW	
WBWWBWWB	
BWBBWBWB	
WBWBWWBW	
BWBWBBWB	
WBWBWWBW	



B.

N

:

: N -

T -

(3 N ≤ 30, 1 T N-2).

N

X_i, Y_i -

(-10 000 X_i, Y_i 10

0000)).

T

T -

N.

:

T

:

5 3	10
0 0	3
4 4	0
0 4	
4 0	
2 3	
3 4 5	



D.

, , .
 , .
 "N" . "+"
 "*" , .
 , 1, 2, 3, 1, 2, 3 1 + 2 * 3 * 1 * 2
 * 3. 37.
 :
 N (2 N 200 000).
 10⁹. N - , 0
 :
 :

6 1 2 3 1 2 3	1+2*3*1*2*3
2 2 2	2+2



G.

, , ()

, , -

- ,

,

:

a, b, c.

d (" "

),

d=1



a=6, b=8, c=10

-

,

:

, b, c, d (1 a, b, c, d 1000) -

,

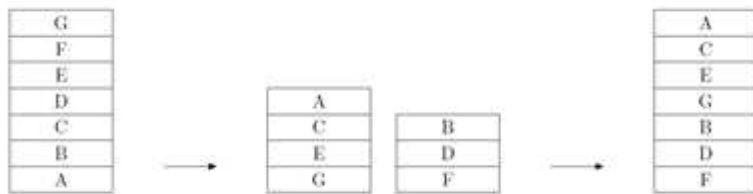
d.

:

10^{-5} .

:

6 8 10 1	18.00000



k

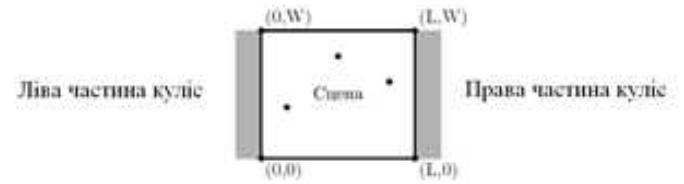
100

k (1 ≤ k ≤ 100).

ABCDEF G	FDBGECA
1	

J.

W L , N



V₁ , - V₂

⋮

W, L, V₁, V₂, N (1 W, L 50, 1 V₁, V₂ 20, 1 N 15) - N

x_i, y_i (0 < x_i < L, 0 < y_i < W). (1

10 000) -

⋮

10⁻⁵.



:

5 6 1 1 3	0.00000
1 2	
3 4	
5 3	
1	
1 3	
5 6 1 1 3	8.828427
1 2	
3 4	
5 3	
3	
1 3	
2 1 2	
3 1 2 3	



•

2K.

:

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2.

:

: N –

K (2 2K &t; N 300).

N

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(

,

1

N),

,

.

:

“NO”.

“YES”,

N

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1

:

5 2	YES
1 2	1
1 3	10
1 4	5
1 5	8
2 3	4
2 4	
2 5	
3 4	
3 5	
4 5	

L.



, , 1 , ,
 ,
 :
 N, M (2 N 10 000, 0 M 10 000) -
 b (1 a, b N) -
 A B.
 . X_i Y_i -
 i. M 2M ,
 . 10000.
 20 .
 :
 , , -1.
 , 2 ,
 , - .



:

2 1	1 1
1 2	
0 0	
1 1	
1 2	



. K

X
X

Y, Y

X

Y

X-

Y

X.

Y (1 Y 10⁹) -

X-

4	2
115	107
1001	1000