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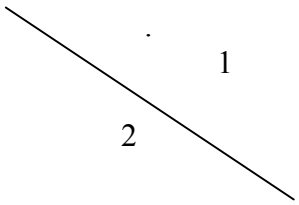

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(2)

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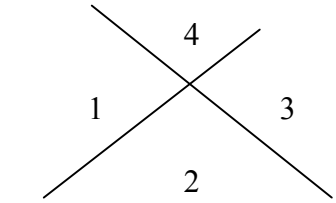

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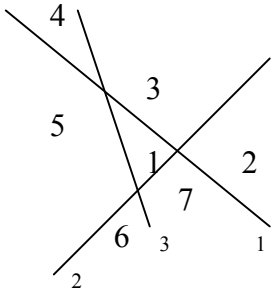
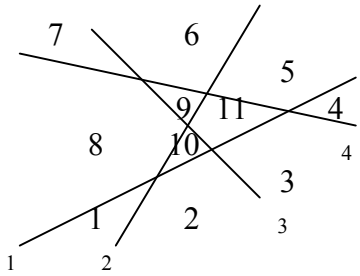
1 2

(4) .



1, 2 3

(7) .



1 , 2, 3 4

(11) .

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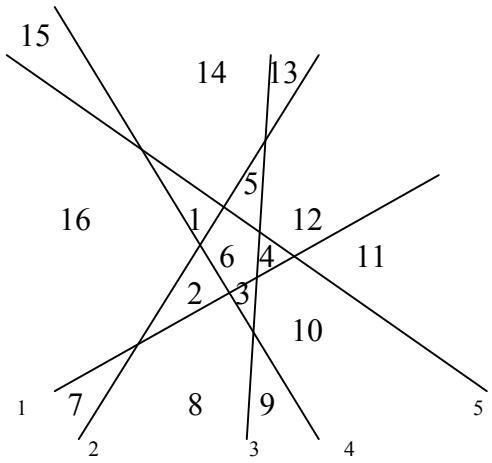

1, 2 , 3, 4

5 (16)

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1	2
2	4
3	7
4	11
5	16

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1, 2, 3,

4, 5 6 (22) (16+6)

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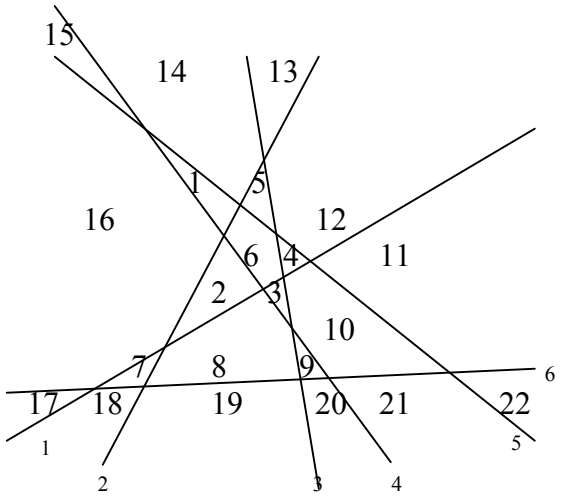

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1, 2, 3, …,

1, 2, 3, …,

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= -1+ .

: /1=2=1+1
/2= /1+2
/3= /2+3
/4= /3+4 (
/5= /4+5
……
= / -1+)

=(1+2+3+4+5+…+)+1
= 1+1
=[(+1) /2] +1
=(2+ +2)/2

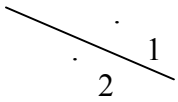
1= (+1)/2
( )

=(2+ +2)/2 pattern .

=(2+ +2)/2

1.

1: 1=(12+1+2)/2
=(1+1+2)/2
=4/2
=2



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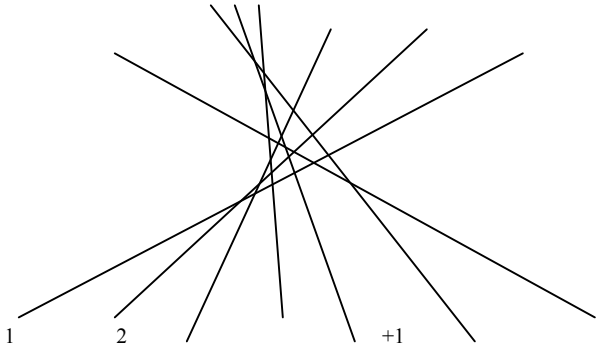
: (,) (,))

: =(2+ +2)/2 (-) (1) .

+1: +1=[(+1)2+(+1)+2]/2 :



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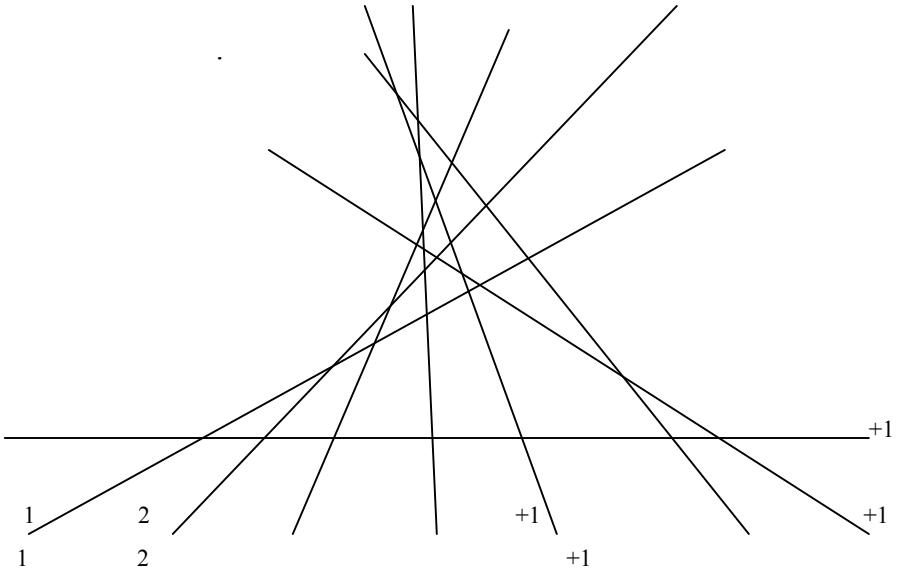

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+1

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i (i=1,2,…,)

2 1,

, (+1,)

2 .

+1

i (i=1,2,…,) (+1)

, 1, 2,…, , +1,…, , +1.

,

+1

(1) :

$$
\begin{aligned}
_{+1} &= \quad +(\ +1) \\
&=[(\ ^2+ \ +1)/2]+(\ +1) \qquad (\qquad (1)) \\
&=(\ ^2+ \ +1+2 \ +2)/2 \\
&=(\ ^2+2 \ +1+ \ +1+1)/2 \\
&=[(\ +1)^2+(\ +1)+1]/2
\end{aligned}
$$

$=(\ ^2+ \ +2)/2$.

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$$(\ ^2+ \ +1)/2$$

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$_1$=1+2+3+…+(-2)+(-1)+ (-)

$_1$= +(-1)+(-2)+…+3+2+1 (

)

2 $_1$= +1+(-1)+2+(-2)+3+…+(-2)+3+(-1)+2+ +1

2 $_1$=(+1)+(+1)+(+1)+…+(+1)+(+1)+(+1) ( )

2 $_1$= (+1)

$_1$= (+1)/2