


The preparatory exercises for the reading of the mathematical texts

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<div>Читай и запоминай!</div> <div></div>	among	[q'mAN]	среди
	depict	[di'pikt]	изображать
	digit	['diGit]	цифра
	hand	['hxnd]	стрелка
	rectangle	['rek,txNgl]	прямоугольник

1

yes / no

Is it true, that

the number three is written with three same Roman digits?

Is it true, that

yes / no

2

the number nine is written with two different Roman digits?

3

Series

Write with the words these numbers with the Arab digits

V

XI

XVII

XXIII

the Roman

9

10

16

31

Series


4

5


Stimulator

Define and write with the words the time, which the clocks show


1




2



3



4



yes

6

no

Is it true, that:

among Arab digits there is no digit ten?

7

yes

no


among the Roman digits there is no digit zero?

8


LOOK AND

9

depict
the small hand so that the clock will show nine o'clock



depict
the big hand of a clock so that the clock will show six o'clock



10

CHOOSE THE ANSWER

In a record of a number with the Arab digits a quantity of orders is in dependance on

A

the identical digits

B

different digits

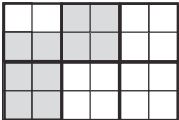
C

total number of digits

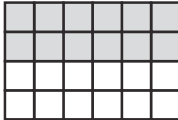
11

LOOK AND

12



write with digits which part of the whole rectangle was colored

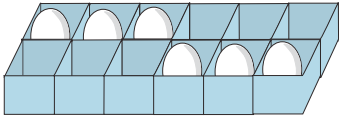


13


yes


no

Is it true, that egg container was filled only in half?



19

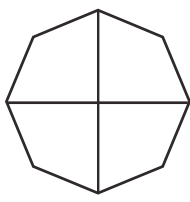
<div>Читай и запоминай!</div> <div></div>	order	['Ldq]	разряд
	period	['piqriqd]	класс
	polygon	['pOligqn]	многоугольник
	type-set	['taip'set]	набирать текст
	keyboard	[,kJ'bLd]	клавиатура

<div>14</div> <div>Stimulator</div> <div></div>	Print on a PC keyboard a number, having only	1	99 billions 99 millions 99 thousand 99 ones
		2	99 billions 99 millions 99 thousand
		3	99 billions 99 thousand
		4	99 billions 99 ones

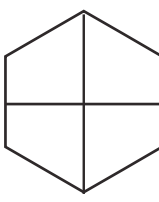
15

LOOK AND

16



define
write with the words
the name of the polygon



the half

color
of the polygon
divided into equal parts

the quarter

17


LOOK AND

18


19

yes
no

Is it true,
that



all the shares of the whole
with one
common name
are equal?



Is it true,
that

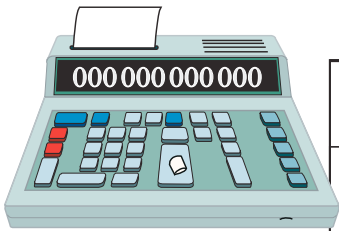
yes
no

20

the name
of the share of the whole
depends on a quantity
of equal parts of the whole?

21

**CHOOSE
THE ANSWER**



This calculator enables you to type-set the number which contains

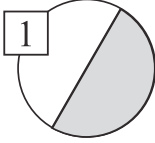
A	in each period of orders 12 digits
B	in each order 12 digits
C	total 12 digits

22

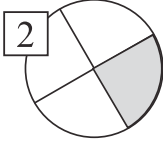
Stimulator

Define and write with the words which share of the circle was colored

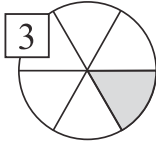
1



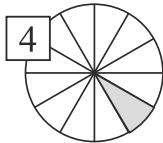
2



3



4

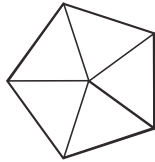


23

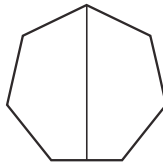
Series

The polygon was divided into equal parts.
Colore its share for each polygon

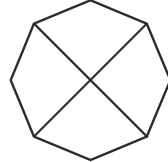
1



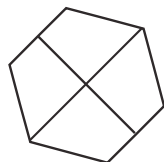
2



3



4



24

Series

Write with the words the name of this **share** of the whole

**Читай и
запоминай!**

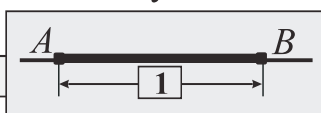


length	['leNT]	длина
width	['widT]	ширина
height	['hait]	высота
circle	['sWkl]	круг
intercept	[intesept]	отрезок

26 yes
no

Is it true, that
for any
intercept
a measure
may be chosen?

☐



28 yes
no

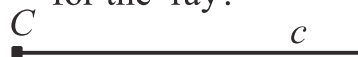
Is it true, that
for any
intercept share
a measure
may be chosen?

☐

Is it true, that
it's impossible
to choose
a measure
for the ray?

yes
no **27**

☐



Is it true, that
a point,
lying on a straight line,
divides the line
into two
halves?

yes
no **29**

☐

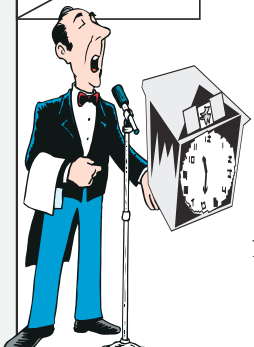
30	Test	Find the formula							
	of a share, equals one	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{30}$	$\frac{1}{40}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{50}$	$\frac{1}{20}$
	fiftyth								
	fourtyth								
	thirtyth								
	twentyth								

31 **yes** **no**

Is it true, that

for a waiter till 12 o'clock there is only left to work only for an $\frac{1}{2}$ hour?

☐

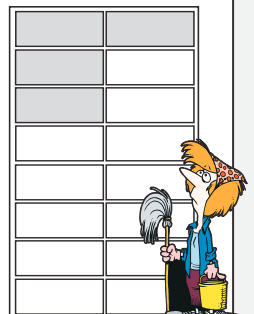


Is it true, that

only the quarter of the wall is left for the house-painter's white-washing?


☐

yes **no** 32



33 LOOK AND 34

define

☐  ☐

how many measures are there in the given strip the colored share of the given strip

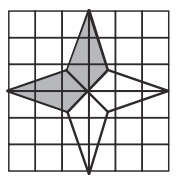
35 LOOK AND 36

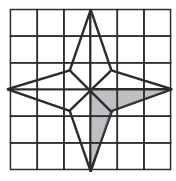
write

in a form of a fraction a colored share of the star

define

and write with the words the quantity of those shares the star consists in

☐  ☐

☐  ☐

37 LOOK AND 38

39 **yes** **no**


Is it true, that

the value of a share of the whole the denominator of the fraction shows?

☐

☐ *Is it true, that* **yes** **no** 40

the quantity of shares in the whole the denominator of a fraction shows?

<p>Читай и запоминай!</p> 	numerator	['njHmqreitq]	числитель
	denominator	[di'nOmineitq]	знаменатель
	stroke	['strouk]	черта
	designate	['dezigneit]	обозначать
	notation	[nqu'teiSn]	понятие

In a denominator of a fraction the digit 0 musn't be	41	CHOOSE THE ANSWER	43	In a numerator of a fraction the digit 0 may be
	A	the first on the left	A	
	B	the first on the right	B	
	C	in any place	C	
	D	the last on the left	D	
	E	the last on the right	E	

44	LOOK AND	<i>finish writing</i>
of the missed numbers so the equality will be performed		
$\frac{24}{6 \cdot \square} = \frac{4 \cdot 7}{14 \cdot \square} = \frac{2 \cdot 2 \cdot \square}{5 \cdot 8}$		

45	Test	Find an entry of the whole in a form of the fraction, if it's share is known, equals	$\frac{125}{125}$	$\frac{225}{225}$	$\frac{150}{150}$	$\frac{152}{152}$	$\frac{510}{510}$	$\frac{525}{525}$
		one five hundred twenty fifth						
		one two hundred twenty fifth						
		one five hudred tenth						
		one one hundred twenty fifth						
		one one hundred fifty second						

46

Series

Find

Series

47

and write with the words
with the help of measure
the length of the strip

Color
the part of the strip,
the length of that equals

1

A

D

one measure

1

2

B

E

two measures

2

3

M

K

five measures

3

4

N

O

six measures

4

find

equal intercept

*Is it true,
that*

yes
no

50

all measures
are equal?

1


1

48

LOOK AND

49

51	Test	Define the quantity of measures in which three fifths of a intercept are measured, if one fifth of its is measured									
		1	3	5	9	10	12	15	20	25	30
	in one measure										
	in three measures										
	in five measures										
	in ten measures										

<p>Читай и запоминай!</p> 	replace	[ri'pleis]	заменять
	pass	['pAs]	проходить
	dial	['daiql]	циферблат
	convenient	[kqn'vJniqnt]	удобный
	circumference	[sq'kAmfqrqns]	окружность

52	Series	Define,		Series	53
	how many		what price		
	<i>shares of the whole</i>		<i>of the measure of the whole's share</i>		
	were got if		was got if		
	at first <i>the whole</i>		then each of it's share		
	was divided		was divided		
1	into 2 equal parts	⇒	into 5 equal parts	⇒	1
2	into 3 equal parts	⇒	into 10 equal parts	⇒	2
3	into 20 equal parts	⇒	into 15 equal parts	⇒	3
4	into 100 equal parts	⇒	into 800 equal parts	⇒	4

54

yes

no

Is it true, that

if

the small clock hand has passed a quater of the circle

it means that the quarter of an hour has gone?

Is it true, that

yes

no

55

if

the big clock hand has passed a quater of the circle

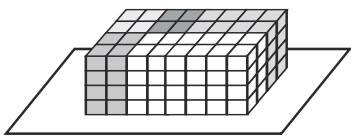
it means that

15 minutes have gone?


56

Stimulator

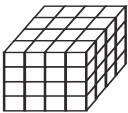
Define the quantity of the identical boxes which one big box may be replaced with



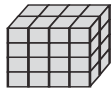
1



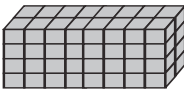
2



3



4



57


LOOK AND

58


59

yes
no

Is it true, that in a day time this clock shows 12 hrs. 15 min.?



define and write with the words how much time on the clock by day at night



50

yes
no


Is it true, that at night this clock shows 6 hrs. 30 min.?

61

CHOOSE THE ANSWER


62


A body length of a mouse is measured in shares of the metre



A	tenth	A
B	hundredth	B
C	thousandth	C


A body length of midge is measured in shares of the metre




<div>Читай и запоминай!</div> <div></div>	acute	[q'kjHt]	острый
	to the left	['lqft]	налево
	to the right	['rait]	направо
	pass	['pAs]	проходить
	turn	['tWn]	поворачивать


63 LOOK AND 64

the srtaight
angle





find
the clock which hands
foms





find
the broken clock






65 LOOK AND

A right angle contains	66	CHOOSE THE ANSWER	67	A zero angle contains
	A	0 degrees	A	
	B	10 degrees	B	
	C	90 degrees	C	
	D	180 degrees	D	
	E	360 degrees	E	

68

yes
no



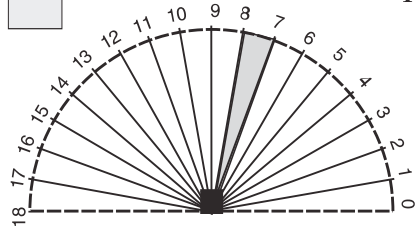
Is it true, that
a unit of measurement of the angle
is
 $\frac{1}{360}$ part of a circle?

28

69 LOOK AND 70

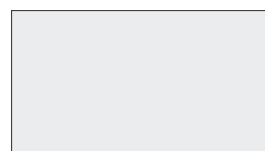
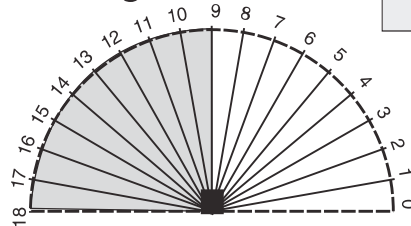
define

what **share** of the straight angle
makes up the colored angle



define

and write with the words
a degree measure
of the colored angle



71 LOOK AND 72

73

yes

no

*Is it true,
that*
a minute
is
one six tenth
of a share of an hour?

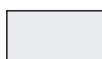


74

yes

no

*Is it true,
that*
a second
equals
six tenths
of a share of a minute?



76

yes

no

*Is it true,
that*

the length of the intercept
changes in accordance to
the origin on the rule?



*Is it true,
that*

yes

no

if
a big hand
of a clock
has passed the way
from **12** to **6**,
it means
it turned that
for **180** degrees
and **30** minutes have gone



75

yes

no

*Is it true,
that*

the length of the intercept
changes in accordance to
its position on the rule?

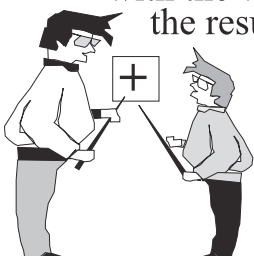


77

Write with the help of the symbols a measure of the angle	
78 S t i m u l a t o r	1 1 minute
	2 2 seconds
	3 3 degrees
	4 4 minutes 5 degrees
	5 6 degrees 7 seconds

79	CHOOSE THE ANSWER	
11°15'	A	A degree measure of the eighth share of straight angle equals
11°30'	B	
11°50'	C	
22°15'	D	
22°30'	T	
22°50'	F	

80	Test	Define a degree measure of the angle, if it is known, it composes								
	from the straight angle	15°	22°30′	30°	37°30′	45°	52°30′	60°	67°30′	90°
	a half									
	a quarter									
	a third									
	a sixth share									
	an eighth share									

81	Series	Add and write with the words the result
	1	6' + 60'' =
	2	6' + 600'' =
	3	60' + 60'' =
	4	6° + 60' =
	5	60° + 600'' =