

**Croatia** is a country with many values  
- rich history and cultural heritage spiced with  
culinary specialties.

Croats entered the Adriatic coast around the  
seventh century and settled on the ruins of  
Roman Empire.

King Tomislav is the first Croatian king.

*Perunika* is Croatian national flower.

It has 11 parks of nature, 8 national parks and 2  
nature reservats.



*There are many things  
under UNESCO protection and in the  
register of World Cultural Heritage.*



THE CASE IS DEMANDING

YOU ARE COMANDING

NEED DEDICATION

REALY GOOD INVESTIGATION

ALL MATHEMATICALLY EVIDENTING

THE EVIL NUMBER IRRITATING

THERE IS NO PLACE FOR AMATEURS

WE HIRE ONLY MATHEMATICAL

OPERATERS

THE CASE IS PARTICULARLY STRANGE

THE EVIL NUMBER HAS OWFULL RAGE

YOU ARE DETECTIVES WITHOUT FEAR

AND PATIENTLY WAITING FOR MANY DAYS

EVIL NUMBER HAS COUNTLESS TRICKS

I DO NOT WANT TO HEAR CRIES

BE ALWAYS AWAKE

TAKE TIME

FIGHT CRIME



Great disaster --- the secret agent found out that the world's greatest criminal Evil Number has intent to destroy our beautiful country.

He would gladly make use of all our renewable energy sources. Composing a poem is not his very strong side. He thinks he is very spooky and clever- undermines the mathematical ability of our best agents.

Follow unusual traces, be brave .... We hope our hard-core mathematician agents will be of great assistance and end up with the encrypted message and solve the case. Your job is to bring a criminal to the face of justice and save Our Beautiful.

Show your skills and abilities !!

This is not the time to be nervous.

I hope I was clear enough.

Good luck !!!

With regards,

**OUR FAMOUS YOUNG  
DETECTIVES ... ARE  
ACTUALLY VERY CAPABLE  
... EACH OF THEM HAS  
ONE STRONG SIDE**

**PUSH YOUR NOSES EVERYWHERE  
TO CATCH EVERY AFFAIR**



**SPECIAL AGENT: 1-0-0**

**CODE NAME: BLACK**

**ACTIVE**

**SECRET MISSION: SAVE THE TAFT**

**DEGREE OF SECURITY: 10**

**HEAD OF SECRET MATHEMATICAL  
MISSION:**

**HOBBIES: SWIMMING**

**SPEC OCCUPATION: CRIMINOLOGY**

**DATE OF ISSUE: 5.11.2018.**



A legendary mathematician and investigator, known for dealing with strange cases and discovering interesting incidents and preventing great disaster.



In solving cases he uses maths, logic and achievements of great scientists before him, he is skilled with a whip, fist and gun.

*savvybuttonlemade.com*

**PUSH YOUR NOSES EVERYWHERE  
TO CATCH EVERY AFFAIR**



**SPECIJALNI AGENT: 2-0-0**

**KODE NAME: WHITE**

**ACTIVE**

**SECRET MISSION: SAVE THE TAFT**

**DEGREE OF SECURITY: 10**

**HEAD OF SECRET MATHEMATICAL  
MISSION:**

**HOBBIES: SWIMMING**



A legendary mathematician and investigator, known for dealing with strange cases and discovering interesting incidents and preventing great disaster.



In solving cases he uses maths, logic and achievements of great scientists before him, he is skilled with a whip, fist and gun.

**DONT BE SITTING  
WHILE CRIME ISNT FITTING**

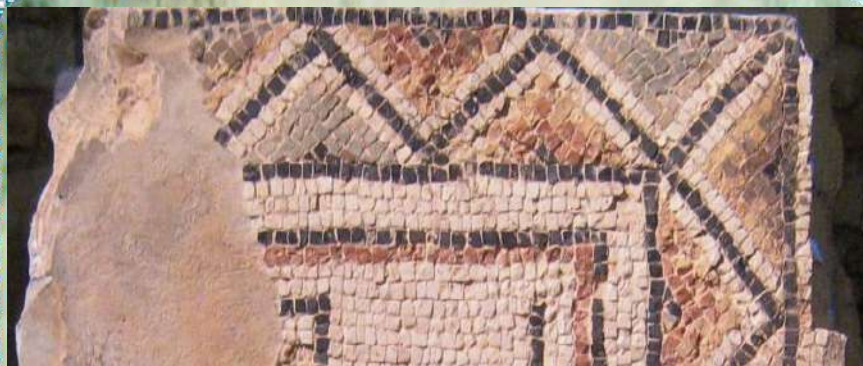


**DO YOU FEEL  
THIS IS A BIG DEAL**

**DO NOT FEAR  
TILL EVIL ISNT NEAR**

**IT IS REAL GLORY  
TO BE AGENT IN THIS STORY**





### *EUPHRASIUS BASILICA -PORĀ*

The glittering mosaics, painted in the interior and facade of the church, are among the most beautifully preserved works of Byzantine art. Above the apses were presented the apostles with Jesus, in the central part of the bishop of Euphrasius with a basilica, angels guard, Virgin Mary with Jesus in the wings. Because of its exceptional value, it has been inscribed on the *UNESCO WORLD HERITAGE LIST*.



**PLEASE LOOK TROUGH THE  
BINOCULAR**

**YOU DONT NEED TO BE MUSCULAR**

**CAREFULLY LOOK AT A MOSAIC  
PATTERN**

**FREE TO USE A LANTERN**

**LOOK FOR INSPIRATION**

**TO SOLVE NASTY COMBINATION**

**TIME CAME**

**STOP FEELING SHAME**



CRIME PLACE:

*EUPHRASIVS BASILICA -PORČ*

**CRIME SCENE - DO NOT CROSS**



Well known for its ancient mosaics -  
Euphrasius Basilica.

While the honest people is asleep, selected  
agents will gather in one of the oldest  
churches in Croatia well known for its floor  
mosaics.

-I'll help you.

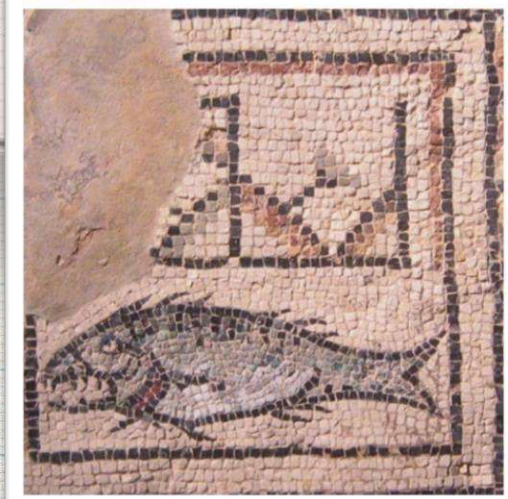


CRIME TASK:

*SAVE THE MOSAIC*



Evil Number lost some parts of famous mosaic.  
For reconstruction of famous old mosaic we  
need to find more pieces of stone in different  
colors. All together there was 1800 pieces of  
stone.  $\frac{1}{6}$  is colored grey ,  $\frac{1}{5}$  black,  $\frac{1}{10}$   
brown,  $\frac{1}{36}$  red, and another are white. Evil  
number has stolen  $\frac{3}{14}$  of white ones.



**CLUE: A = NUMBER OF STOLLEN PIECES**



### ***THE KRAPINA PREHISTORIC MAN-***

Homo sapiens Neanderthalensis, was discovered all the way back in 1899, when geological and paleontological research started on Hušnjakovo hill in Krapina. Excavations, supervised by professor Dragutin Gorjanović-Kramberger, a well-known Croatian geologist, palaeontologist and paleoanthropologist significantly contributed to European and global science of the fossil man.



### **MAN FROM KRAPINA CAVE**

**130 000 YEARS AGO WAS BADLY BEHAVE**

**THE FIRE WAS BURNING BY A STONE**

**HE LIKED HUNTING DEER**

**OFTEN EVEN A BEAR**

**LIVING ON HUSNJKOVO HILL**

**HE WAS NEVER ILL**

**HAD A STEP**

**A WONDERFUL PATTERN**

**BEAR OR LOS**

**HE WAS FIGHTING LIKE A BOSS**

**SOCIAL GAME HIS FAVORITE**

**THROWING FROM THE SHOULDERS OF  
STONE**



CRIME PLACE:

*KRAPINA*

**CRIME SCENE - DO NOT CROSS**



Dragutin Gorjanovic Kramberger discovered the world's most significant, richest collection of the Neanderthal man, about nine hundred human fossil bones. The age of this paleontological site corresponds to 125,000 years ago. The thief left footprints behind him. According to these prints we can follow him....But there is a protected area for which the thief doesn't know about-hurry up, we have to protect it and find out where he went to.....What is he up to???



CRIME TASK: *FIND LENGTH OF THE STEP*



The picture shows the foot print of walking man. Step P represents the distance between the last end of two consecutive prints.

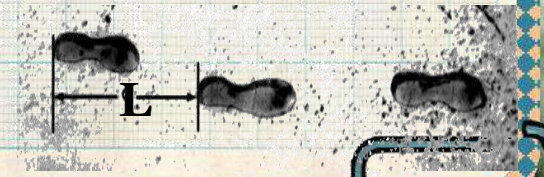
$N$  = number of steps per minute

$L$  = length of steps in meters.

$N : L = 140$

For male population, present the average relationship between  $n$  and  $P$ . If this formula is applied on a 70 steps per minute, what is the length of the Neanderthal step in centimeters?

CLUE:  $L =$  \_\_\_\_\_





**"VUČEDOL DOVE" -Vukovar** is an old baroque town, famous for its horrific destruction during the war in Croatia. One of the most famous archeological finds in Croatia. The place it was found, along the Danube River, not far from Vukovar.

One of the most famous pieces of Vučedol is the ritual vessel made between 2800 and 2500 BC. The "Vučedol Dove" is the oldest dove figure



**2000 YEARS AGO**

**COPPER BALL**

**NOW PRICELESS DOLL**

**A BOWL OF VUČEDOL**

**SPECIAL CULTURE**

**UNIQUE SCULPTURE**

**EXCEPTIONALLY PRAISED**

**IN A SPECIAL STOVE**

**ON A BLACKSMITH'S APPLIANCE**

**AND HIGH TEMPERATURE**

**IN EXTRA GARNITUR**

**BEAUTIFUL CONTOUR**



CRIME PLACE:

*VUČEDOL*

CRIME SCENE -  DO NOT CROSS



The symbol of the city is witness to suffering, suffering, but also to defiance and resistance. Waterborne was one of the most common targets of enemy artillery. They shot him from all sides.



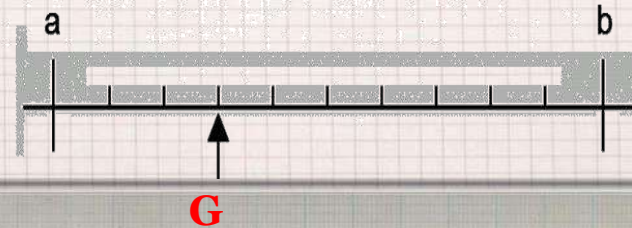
CRIME TASK:

*TEMPERATURE*



The Evil number has decided to melt the Vučedol dove at high temperature...

Probably the most famous legacy of the Vučedol culture is the Vučedol dove, a very decorated vessel in the shape of a bird about 20cm high, used in religious ceremonies.



If the melting point is  $b = 1085^{\circ}\text{C}$ ,

At what temperature is the vessel at the moment of speaking, if we started with the room temperature of  $a = 35^{\circ}$ ?

CLUE:  $G = \underline{\hspace{2cm}}$





***ETRUSCAN MUMMY*** -Real rarity on the world level. After a more detailed review, it turned out that pieces of cloth in which the mummies were worn once covered with unusual signs in the Etruscan language. The platinum on which the record was found today is known as "Liber linteus Zagrebiensis"

It is the only preserved copy of old-fashioned book books.



**PAHER-HENS—  
WHAT A NONSENS  
I AM SCARED  
AND NOT PREPARED  
FLAX BOOK  
GET ME OF THE HOOK  
1300 WORDS  
IN FRONT OF ME APPEARS  
ETRUIC TEXT  
UNKNOWN CONTEXT  
YOU GO AFTER ME  
I'M SENDING YOU A SIGNAL  
FIND THE CHIP  
IN A HANDPICK?  
CT MUMMY DO  
TO FIND A CLUE**



CRIME PLACE: **ETRUSCAN MUMMY**

390.BC



The mummy was a female person named Nesi-hens, and wife of Paher-hensu.

I	⊗	⊞	⊠	⊡	⊣	⊤	⊥	⊦
i	o	h	z	v	e	d	g	a
[i/j]	[tʰ]	[h]	[ts]	[v]	[e]	[r/d]	[k]	[a]
Y	T	Z	Q	M	Ŋ	Ų	Ŵ	J
y	t	s	r	ś	p	n	m	l
[u/w]	[t]	[s]	[r]	[ʃ]	[p]	[n]	[m]	[l]
					8	Ψ	Φ	
					f	ψ	φ	
					[f]	[pʰ]	[z]	



CRIME TASK: **FIND RIGHT FINGER**



An Egyptian mummy was carefully inserted into a room where a magnetic resonance device is located.

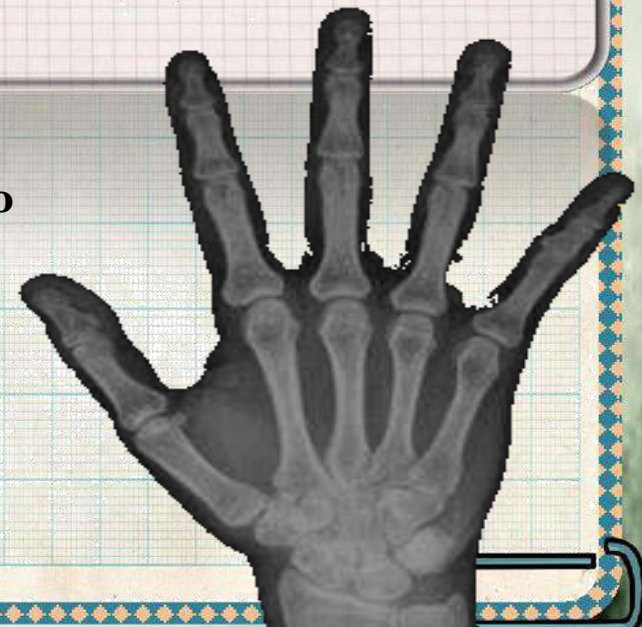
Examine ct and solve all equations—one of the fingers hides secret.

1 5 10 50

500 1000

CLUE:

$$C = \wedge \circ 20$$





***APOXYOMENOS*** is one of the rare preserved Greek statues which used to adorn Greek temples and cities.

The statue was raised from the sea in the vicinity of the islet near Lošinj, in 1999. After comprehensive conservation work, which took all of six years, it was presented to the public in Zagreb in 2006, together with an extensive exhibition.



**YOU DO NOT HAVE, I HOPE  
HALLUCINATIONS ON TOP  
BECAUSE OF  
NUMEROUS RESTORATIONS  
DESALINATION  
THEY LEAD TO REMEDIATION  
APOXYOMENOS  
WHAT A WONDERFUL  
ABDOMEN  
IN HIS MEMORIAL  
I BURIED THE TASK  
WITH ONE ADD-ON  
LOCATION IS A MYSTERY  
CRIME GOES TO HISTORY**



CRIME PLACE:

*MALI LOŠINJ 1.-2. st BC*

**CRIME SCENE - DO NOT CROSS**



Residents of Lošinj did not even know that on the sea floor along the shore lies a statue of 2000 years old.

Invaluable sculpture often is visiting the major museums of the world.

Try to locate a glorious site, maybe nearby there is more...



CRIME TASK:

*FIND THE SPOT*



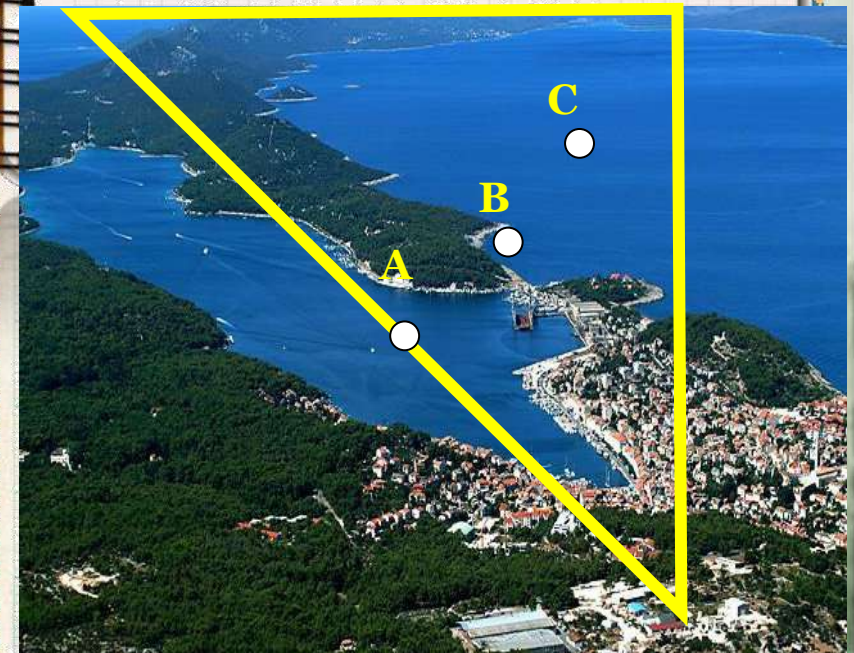
Find a place on a map that is as equidistant from all three tops of the triangle.

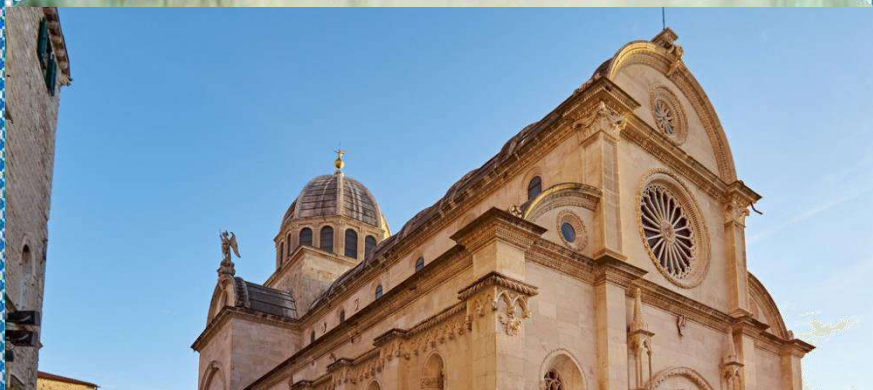
**CLUE: if the answer is point A then**

**$O = 120$**

**if the answer is point B then  $B = 34$**

**if answer is point C then  $Z = 10$**



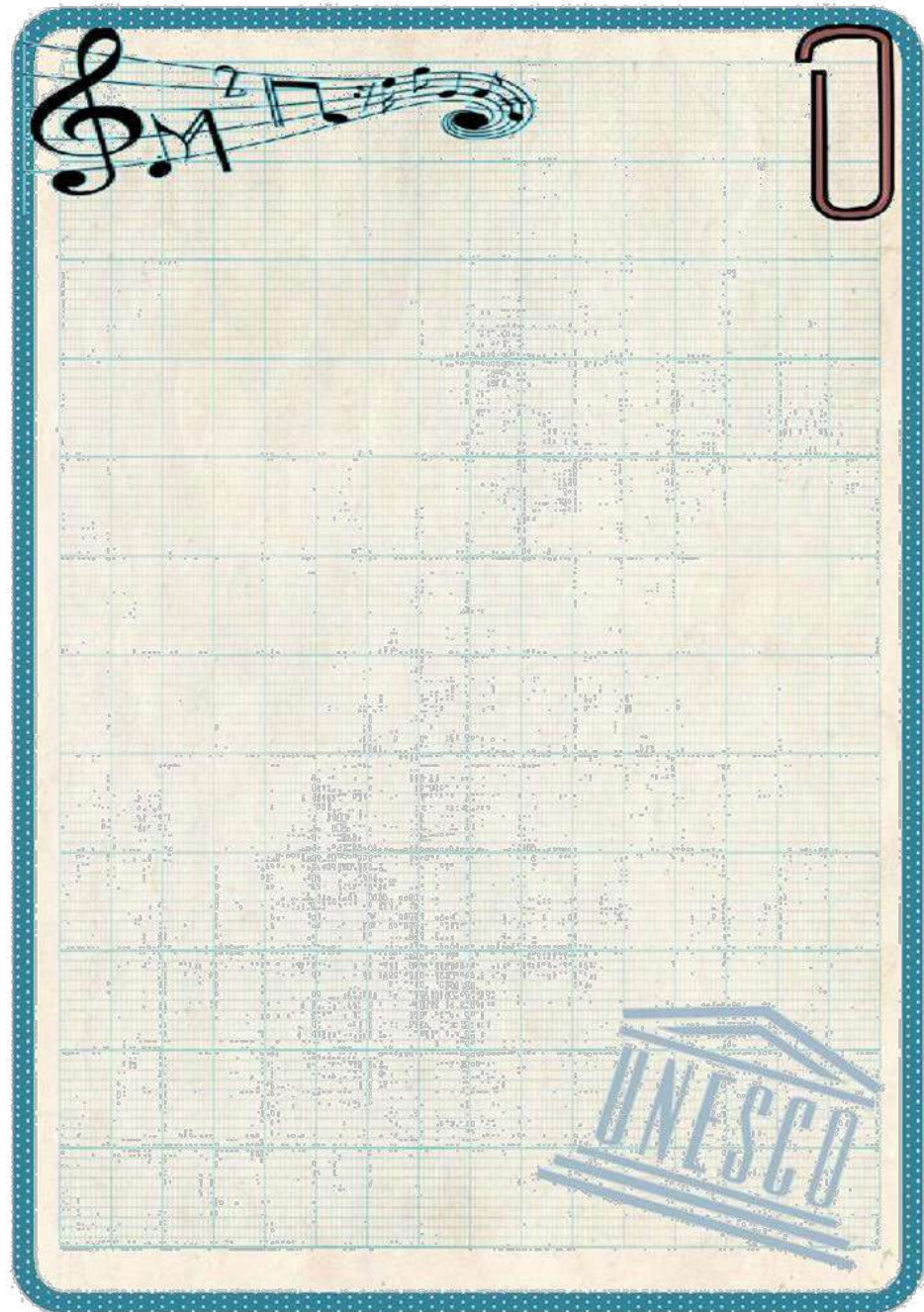


## *THE CATHEDRAL OF ST JAMES*

*IN ŠIBENIK* 15 century architects developed a structure built entirely from stone and using unique construction techniques for the vaulting and the dome of the Cathedral. The Cathedral is decorated with 71 sculptured faces .

(32 metres high inside) and is also one of the most important Renaissance architectural monuments in the eastern Adriatic.

Šibenik is one of the rare cities in the world which





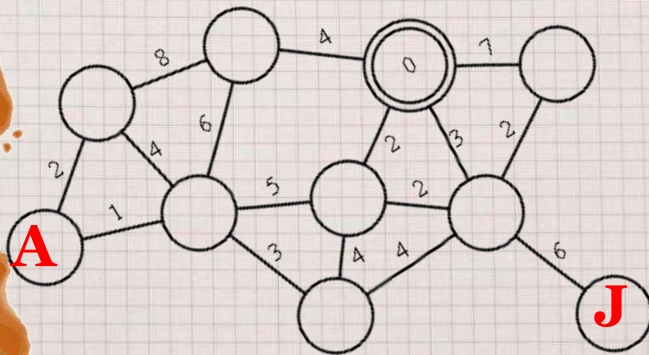
CRIME PLACE:

*ŠIBENIK*

**CRIME SCENE - DO NOT CROSS**

The fortress is one of the most valuable and best preserved examples of defense architecture in Dalmatia. The fortress is made of brick because this material was considered to be most resistant to cannonballs, while the foundations are made of stone. Our agents are in a hurry – they have to find shortest route.

**CLUE: I = smallest route from A to J**



CRIME TASK:

*SHORTEST WAY*





## *BLACA DESERT*

Under the hill on the southern shores of the island of Brač a number of hermitic monasteries were founded in the Renaissance period but in continuity with earlier traditions.

It is believed that the Glagolitic was later founded by the nearby Blaca Desert. This site was added to the UNESCO World Heritage list .



Glagolitic is an Old Slavic letter originated in the middle of the 9th century which remained in the Croatian regions until the 19th century. Already at the beginning of the 16th century, Latin is increasingly suppressed.

ⱦ	A	1	Ɱ	Đ	30	Ф	F	500
Ⱨ	B	2	Ɐ	K	40	ⱨ	H	600
ⱨ	V	3	Ɒ	L	50	Ⱪ	(O)	700
Ⱪ	G	4	ⱱ	M	60	ⱪ	(Š)Ć	800
ⱪ	D	5	Ⱳ	N	70	ⱬ	C	900
ⱬ	E	6	ⱳ	O	80	Ɑ	Č	1000
Ɑ	Ž	7	ⱴ	P	90	Ɱ	Š	
Ɱ	Dz	8	Ⱶ	R	100	Ɐ	(poluglas)	
Ɐ	Z	9	ⱶ	S	200	Ɒ	JA, (I)JE	
Ɒ	(I)	10	ⱷ	T	300	ⱱ	Ju	
ⱱ	I	20	ⱸ	U	400	Ⱳ	J	

CRIME PLACE: *ISLAND BRAC*

**CRIME SCENE - DO NOT CROSS**

On this island is one of the most famous beaches in the world.

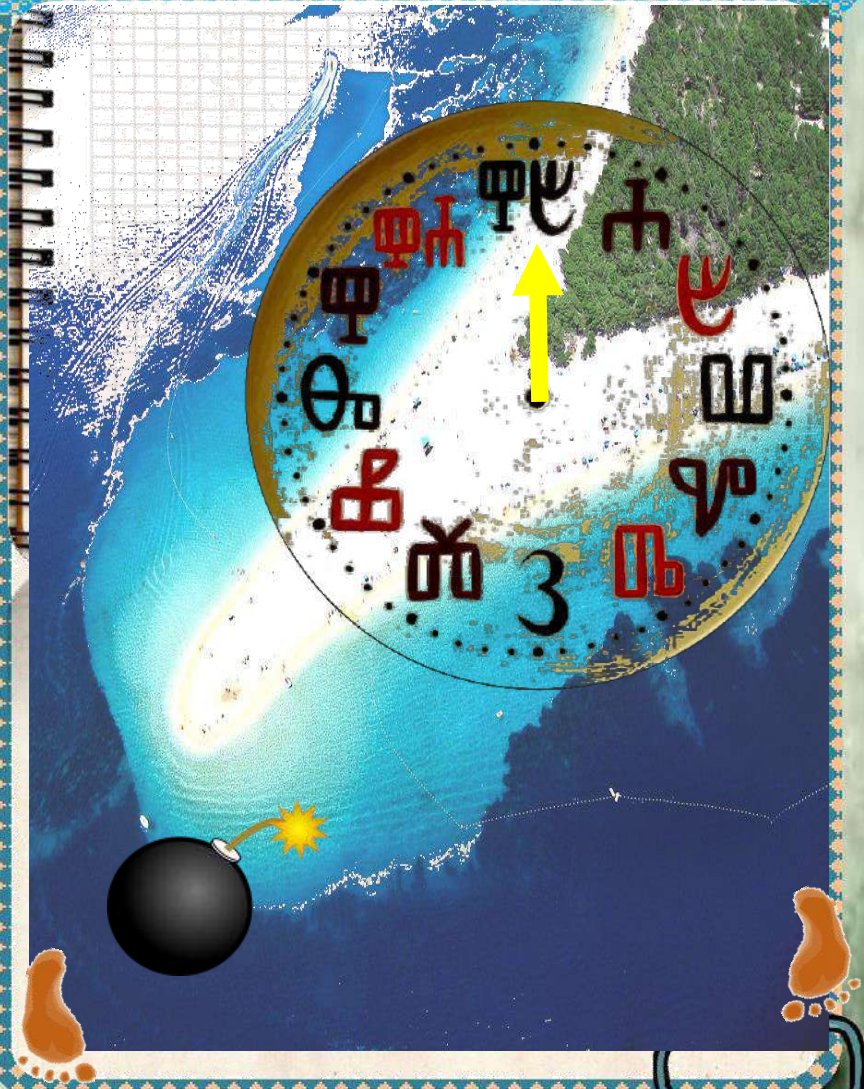
Evil Number hide a box on secret place. Beach changes her look constantly because of the sea and wind power, so our agents must work hardly.

Million tons of sand, somewhere under is a secret box.

- Bearing angle is greater than  $60^\circ$
- numerical position on the clock is not divisor of the number 60
- not multiplier of number 3
- not a odd number

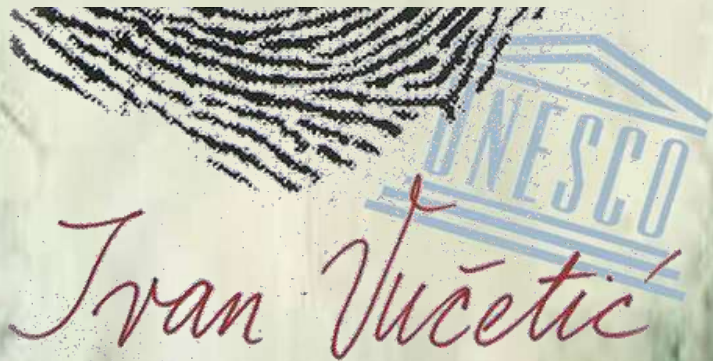
**CLUE: T = secret number on  
the clock**

CRIME TASK: *FIND THE BOX*





**IVAN VUČETIĆ** - *the founder of dactyloscopy*, known crime techniques-as we managed to solve the case of fingerprints-we visited the birthplace of Ivan Vučetić, who has gained world glory through the development and application of dictiloscopy thanks to which many criminal cases are still being solved- hopefully to help our case.

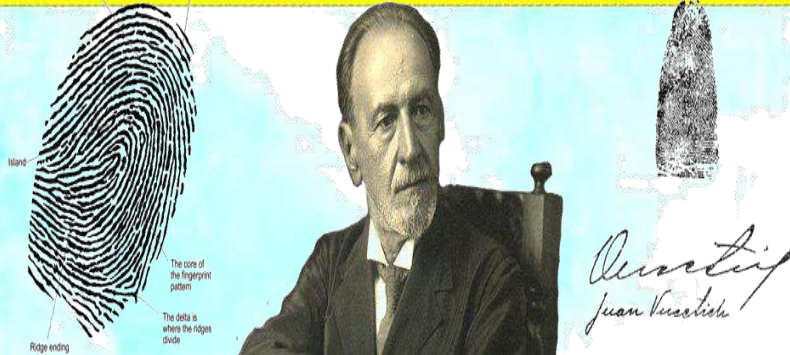


**FINGERPRINT  
SHOULD BE SORTED  
DACTYLOSCOPIC METHOD  
NEW WORLD FASHION  
FOR CRIME TECHNIQUES  
PASSION  
TO CAPTURE THE MISERABLE  
WHILE THE TRACES ARE HOT  
DO NOT GO HOME  
BECAUSE I MAKE ANOTHER ACT  
FOR THE ULTIMATE CRIME**



CRIME PLACE: *ISLAND HVAR*

CRIME SCENE - DO NOT CROSS



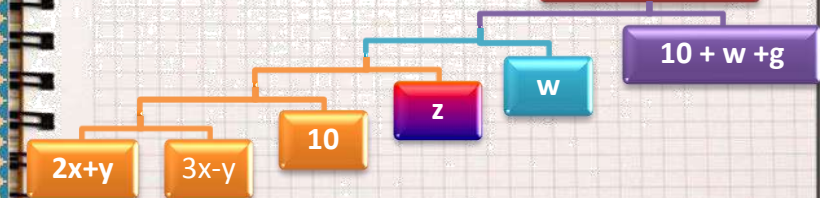
Just as Evil Number was bursting into a museum dedicated to criminology --- Dactyloscopy-made a mistake-left a fingerprint while trying to destroy the oldest fingerprint machine in Croatia --- now we finally have something -- happiness finally smiled at us.



CRIME TASK: *SCALE PUZZLE*



Determine the value of x so the scale to be balanced



FINAL RESULT:

$$L = \frac{1}{3} * (z+w+g)$$

Solve puzzle above, that's the way to open the dactiloscope and find traces !!!

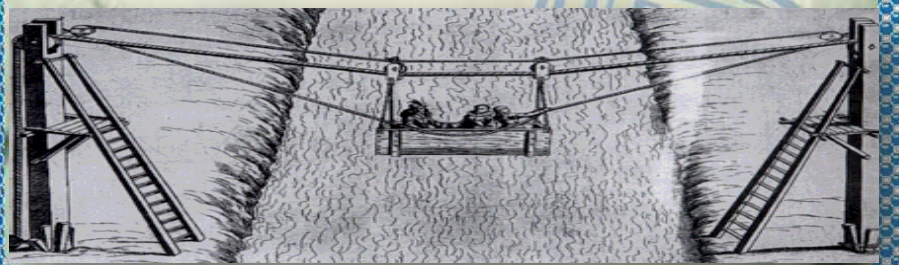
CLUE:  $L =$  \_\_\_\_\_





## **FAUST VRANČIĆ**

World-known for the *invention of parachute*, which he successfully tested himself. He is also the author of the first Croatian dictionary and the inventor of the wind turbine. He died in Venice in 1617..Today, his achievements, together with the models of his inventions, can be seen in the Memorial Center of Faust Vrančić on the island of Prvić.



**EVIL SONG FROM EVIL NUMBER  
HAHA, I BROKE FROM THE BRIDGE  
ALL CHAINS  
THIS IS PROBLEM FOR YOUR BRAINES  
I JUMP IN WITH A PARACHUTE  
AND MADE CRAZY ROUTE  
EMPTY BRIDGE WITHOUT  
CHAIN AND WOOD  
FOR THE TOURIST COMING  
WONT BE GOOD  
SOMETIMES BEFORE  
FAMOUS CONSTRUCTIONS  
WOULD NEED COMPLETLY  
NEW INSTRUCTIONS  
TAKE THIS AS A THREAT  
UNLESS YOU ARE OUT OF BRIDGE  
FLYING WHET**

**BUAHAAAAHA**

**wellcome!**

**This is a place where my famous crime  
starts**



CRIME PLACE: *ISLAND PRVIĆ*

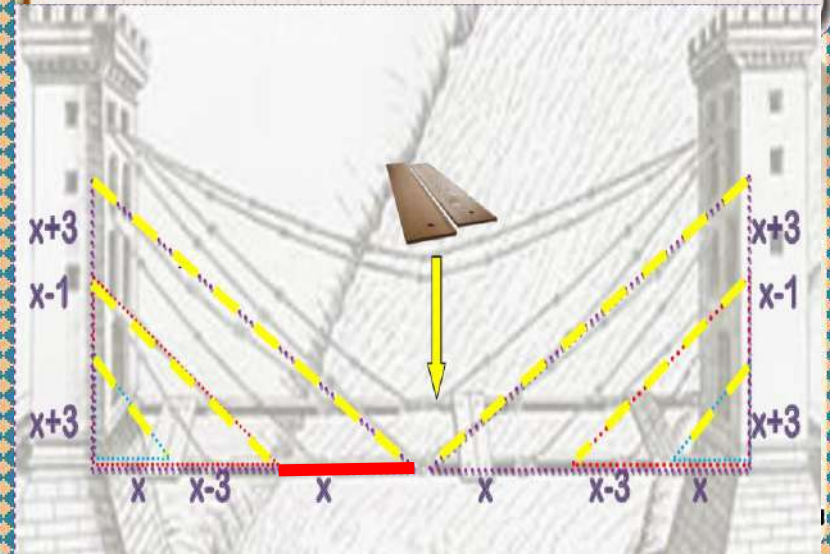


Using a parachute, The Evil Number got into a Memorial Center of the world famous inventor Faust Vrančić, and out of a pure malice took off the chains that were in the template of the chain bridge, another invention of Faust Vrančić---a real disaster. Faust is a famous croatian inventor, mathematician, physicist, linguist and historian, was born in 1551. in Šibenik- the island of Prvić.

CRIME TASK: *RECONSTRUCT THE FAMOUS BRIDGE*

Somebody stole the boards ( $60\text{cm} \times 2\text{m}$ ) and chains—the famous bridge is completely bald! How many boards should be ordered for the reconstruction OF PART X if the length of the bridge is 48m.??

**CLUE:**  $C = \text{number of boards}$





## *NIKOLA TESLA*

There are a minimum of 278 known patents issued to Tesla in 26 countries. Tesla was working on the idea that he might be able to conduct electricity long distance through the Earth. Seeming to borrow from a common idea at the time that the Earth's atmosphere was conductive, he proposed a system composed of balloons suspending, transmitting, and receiving, electrodes in the air above 30,000 feet (9,100 m) in altitude, where he thought the lower pressure would allow him to send high voltages (millions of volts) long distances.



IF I MENTION A MAGNETIC FIELD  
IMIDIATELY PANIC IS INDEED  
ALTERNATING SYSTEM TRANSMISSION  
ELECTRICITY IS IN PANIC POSITON  
ELECTRICAL ENERGY MULTIPHASE  
POPULAR IN MANY WAYS  
WITHOUT A MAGNETIC FIELD  
ELEKTROMOTOR IS WEIRD  
THE COIL OF NIKOLA TESLA  
WILL BE OUT OF WORK  
• WIRELESS TRANSMISSION OF RADIO  
SIGNALS AND ENERGY  
CAUSES ME ALLERGIE  
ELECTRICAL ENERGY MULTIPHASE  
WILL PRODUCE A KAMIKAZE



CRIME PLACE:

*SMILJAN*

**CRIME SCENE - DO NOT CROSS**



Nikola Tesla was considered eccentric. Though he was a visionary, far ahead of his time, he didn't take the credit for it; Marconi was awarded the Nobel for the radio although his work was based on Tesla's, and it was a similar situation with X-ray which was also Tesla's credit.



CRIME TASK:

*DIGITAL*



Our agent needs to find the values of the numbers on the keyboard –that is a, b, c i d. Because of security measures Tesla encoded his invention .... When you decode it, you will know how many times yo have to press keyboard to go in specific direction.

$$4b - 7a + c = 5$$



$$2a - b + 2d = 20$$



$$8a + 13 = 29$$

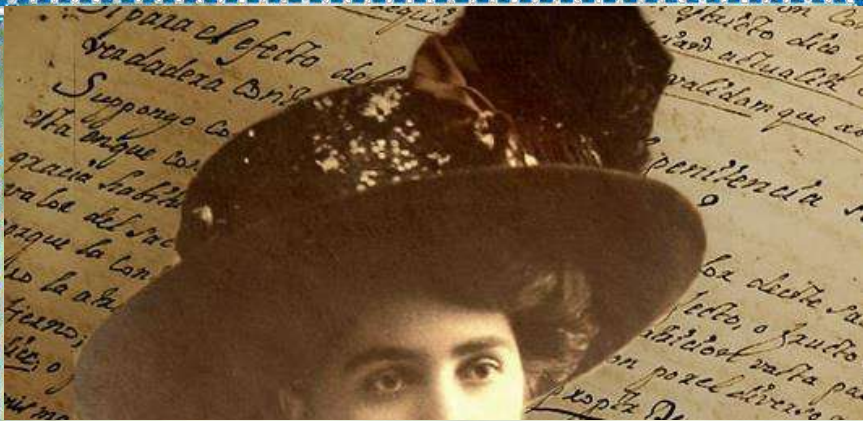


$$2a + 2b = 12$$



**CLUE:** *T* = number of times needed to press the keyboard to make whole moves once





**IVANA BRILIĆ-MAŽURANIĆ** was nominated for the Nobel Prize in *Literature* four times. Her book is *The Marvelous Adventures and Misadventures of Hlapić the Apprentice* published in 1916, is among the most popular today using names and motifs from the Slavic mythology of Croats. It was this that earned her comparisons to Hans Christian Andersen and Tolkien who also wrote completely new stories but based in some elements of real mythology.



**THEY CALL IT CROATIAN  
ANDERSEN  
WITH A FAIRY TALE  
FAMOUS WRITER ON A  
CELEBRITY SCALE  
IVANA BRILIĆ MAŽURANIĆ  
ANTIQUE SCENTS  
IN JAPANESE AND BRAILER  
TRANSLATE  
STORIES FROM ANCIENT TIMES**



CRIME PLACE:

*OGULIN*

**CRIME SCENE - DO NOT CROSS**

Ogulin was built around a fort built by a noble family

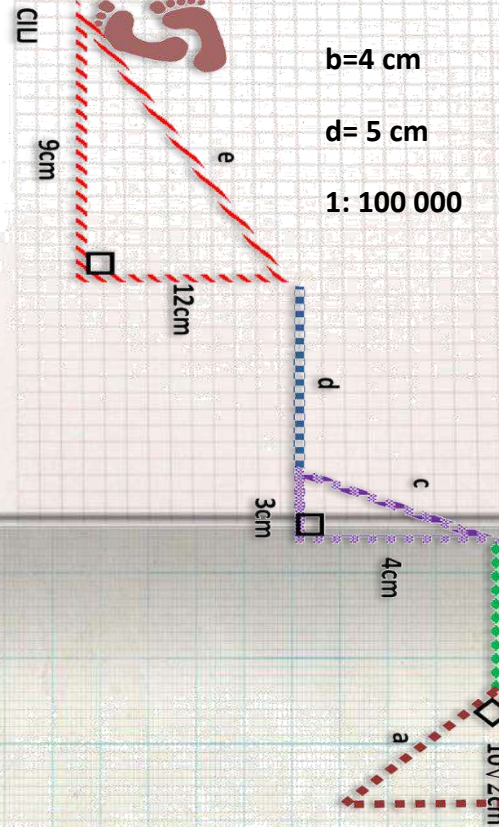
Frankopan at the end of the 15th century. In that city, our most famous writer was born twice nominated for the Nobel Prize.

In honour to Ivani Brlić-Mažuranić each year is Ogulin festival of fairytales.



CRIME TASK:

*HOW LONG TO THE FAIRY CASTLE*



**CLUE:**  $I = a + b + c + d + e$

START



### ***HERMAN POTOČNIK***

With his many ideas he became one of the founders of astronautics.

Potočnik's book described geostationary satellites and discussed communication between them and the ground using radio.

In 1968, Stanley Kubrick's ground-breaking film, 2001: A Space Odyssey, depicted such a role for "Space Station V".



**HUSTON, HUSTON WE HAVE A  
PROBLEM .....**

**HERMAN POTOČNIK**

**TO REACH ME**

**ON A MOON YOU HAVE TO GO**

**WITHOUT CONFUSE**

**IF YOU NEED A CLUES**

**GO TO THE STARS**

**MAYBE EVEN TO THE MARS**

**A GREAT DESTINATION**

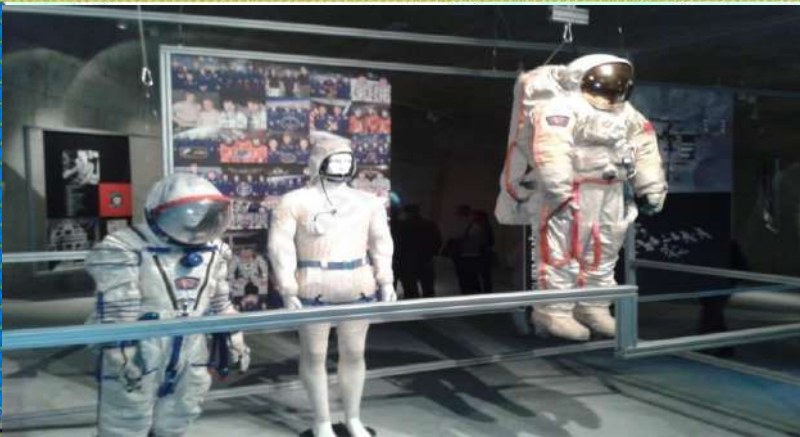
**FOR THE CRIME OF  
INSPIRATION**



CRIME PLACE:

*PULA*

**CRIME SCENE - DO NOT CROSS**

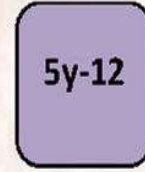
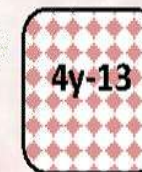
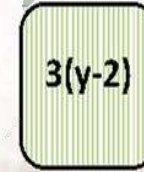
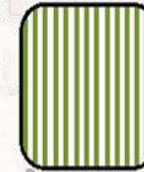
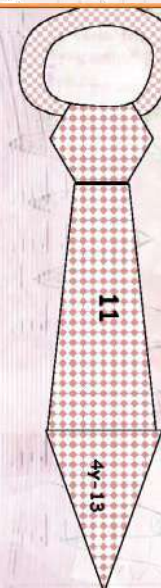
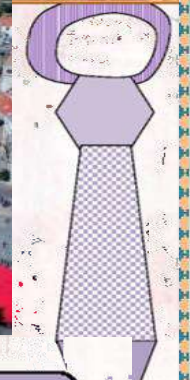


»Pulski amphitheater is one of the three preserved in the world. It is also the sixth largest amphitheater that exists.

Puljanin Herman Potocnik Noordung is the founder of space architecture. All of the key astronautics museums in the world emphasize its role in the area.

CRIME TASK:

*KRAVATA IN SPACE*

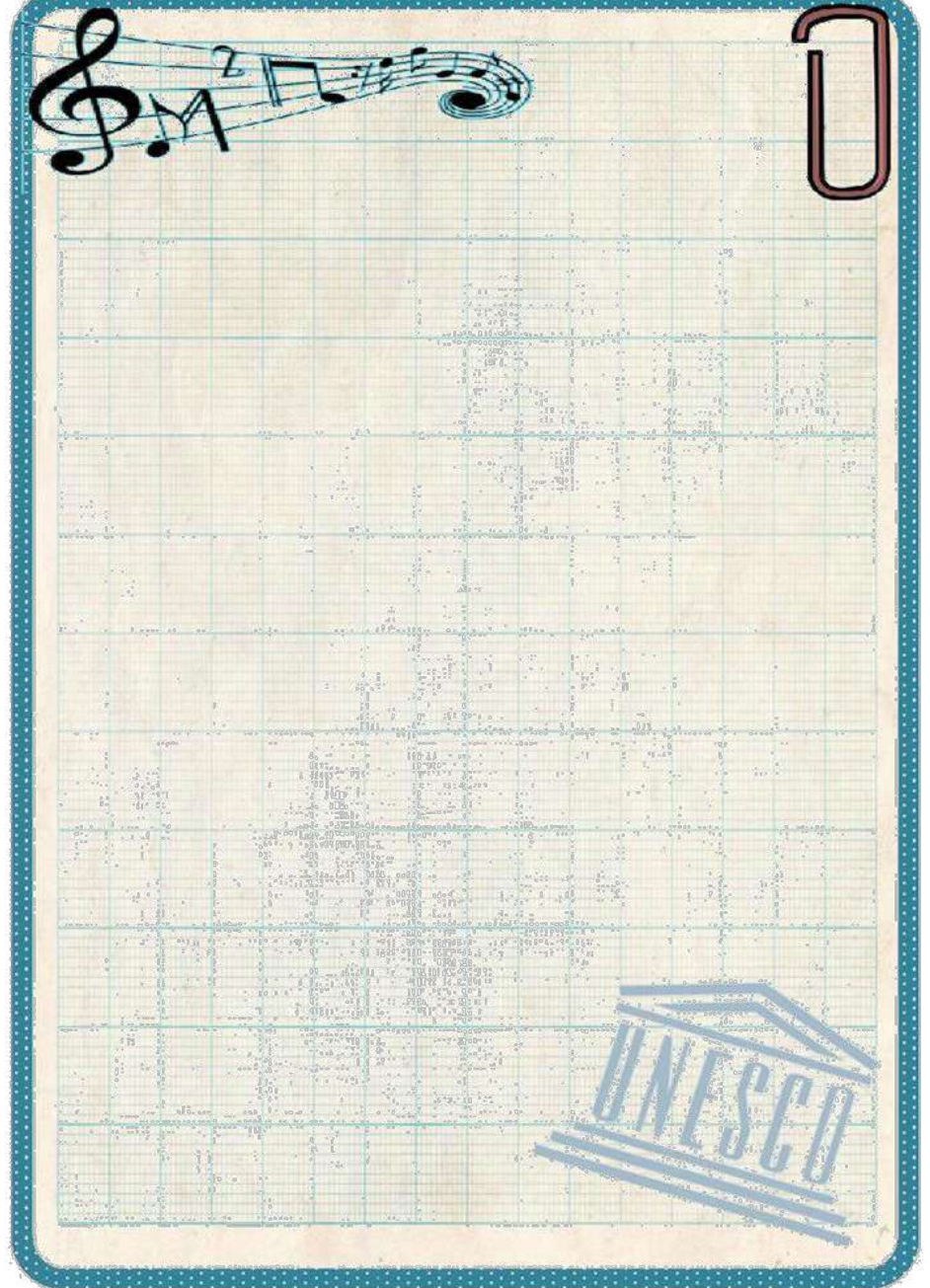


CLUE:  $N=Y$



## ***RUĐER BOŠKOVIĆ***

The 'Pearl of the Adriatic', situated on the Dalmatian coast, became an important Mediterranean sea power from the 13th century onwards. Although severely damaged by an earthquake in 1667, Dubrovnik managed to preserve its beautiful Gothic, Renaissance and Baroque churches, monasteries, palaces and fountains. Damaged again in the 1990s by armed conflict, it is now the focus of a major restoration programme co-ordinated by **UNESCO**.



CRIME PLACE:

*DUBROVNIK*

**CRIME SCENE - DO NOT CROSS**

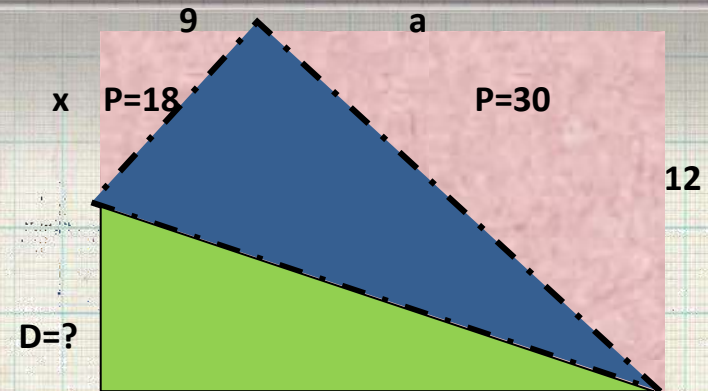
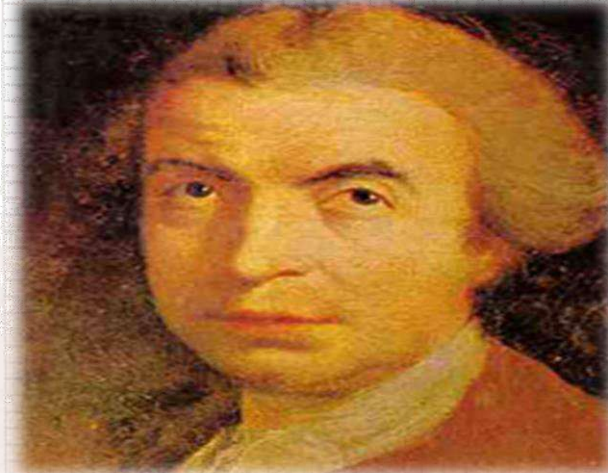


We remember him as one of the most prominent scientists of his time. He worked as an astronomer, mathematician, diplomat, philosopher, poet, geodesist and engineer, and was one of the first modern Croatian scientists who tried to interpret the sun and moon. He explained that the substance consists of physical points that are simple, intrusive, mutually separate and without any structure. The forces that work between them today are shown in the curve which is called Bošković's curve.



CRIME TASK:

*HELP RUDER*



**CLUE:  $D = \text{area of green triangle}$**



**IVAN MEŠTROVIĆ** was a Croatian architect and sculptor whose work made him one of the most influential artists of the 20th century. He went on to study at the prestigious Academy of Fine Arts in Vienna. Here he developed his raw ability and passion for stone cutting into a finely tuned talent. His first sculpture to gain international recognition was 1905 piece entitled 'Well of Life'. Virtually all of his works pay homage to his Croatian upbringing.



**PICKING STONES  
IN A SPECIAL ZONES  
MARBLE WHITE  
IT IS PRECIOUS QUITE  
ANDRIJA ALJEZ, JURAJ  
DALMATIN, EVEN NIKOLA  
FIRENTIN-  
OF MARBLE MADE CATHEDRAL  
FAMOUS  
FAMOUS MEŠTROVIĆ MASTER  
TWO STATUES OF TESLA  
DO IT AS FASTER  
SO MUCH GLORY  
I'M SICK OF THAT STORY  
NOW INVALUABLE PRICE  
SHOW**





CRIME PLACE: *OTAVICE-DRNIŠ*

**CRIME SCENE - DO NOT CROSS**



Brač stone known for its whiteness and quality - some of the most famous buildings in the world: Diocletian's Palace, Šibenik Cathedral of St. James and Trogir Cathedral (all three are under UNESCO protection).

The most famous types of Brač stone are Brač Veselje, Brač Ivory, Brač Sveti Petar and Plano.

Meštrović's masterpieces are The history of Croats, Job and Well of life



CRIME TASK: *IS IT POSSIBLE?*

For the replica of this famous work, Evil Number tried the best piece of Brač stone to crunch the stomach at night --- we are here to stop it - it needs a stone dimension

180cm\* 150 cm\* 100 cm.

Brač stone density 2 740 kg / m<sup>3</sup>

**CLUE: E= \_\_\_\_\_**





***DIOCLETIAN PALACE, SPLIT*** built between the 3rd and 4th centuries by Roman emperor Diocletian. In the Middle Ages, the Cathedral of Saint Domnius (Sveti Duje) was constructed using elements from the ancient mausoleum, and Romanesque churches, medieval fortifications, and Gothic, Renaissance, and Baroque palaces were also built inside the Roman complex. ***UNESCO WORLD HERITAGE SITE*** and one of the world's most impressive roman monuments in which life has been humming along for thousands of years.



**WE ARE HAPPY ONES,  
WITH NUMEROUS CHAMPIONS  
THE CITY OF SPORTS,  
SUCCEFULL MEN OF ALL SORTS  
FULL OF EXCELLENT ATHLETES  
GOLD, SILVER, BRONZE RING BELLS  
MANY OLYMPIC MEDALS  
MY GOD , DONT WANT IN DETAILS  
EVEN PICIGIN WAS THEIR INVENTION  
IT OCCUPIED ALL MY ATTENTION  
I'M GONNA MAKE A CRIME  
IT WILL BE SPECIAL THIS TIME  
I WILL SET A SPORTS DEFEAT-  
THAT WILL TURN IN BLACK ALL SPLIT  
I'M GOING TO CHANGE A SPORTS  
RESULT  
THAT IS MY EVIL INSULT**

**CRIME PLACE:**

***SPLIT: TOP DESTINATION!***

**CRIME SCENE - DO NOT CROSS**



**LET'S GO PEOPLE!!**

**PHENOMENON AT BAČVICE BEACH**

**- world's championship in THE MOST UNIQUE SPORT IN**

**SPLIT -PICIGIN**

**17.07. THURSDAY 24:00,**

**A CALL TO ALL TEAMS**

**REGISTRATION ON 098-897-98565**

***WE CAN'T REVEAL THE DATAILS***

***BUT WE GUARANTEE A GOOD TIME!***

**Picigin Bačvice**

As always, the Evil number didn't miss a chance to cause damage-besides being on a UNESCO's LIST of Protected Goods there was a survey about listing picigin in the official programme of the OLYMPIC GAMES-Evil Number MIXED UP THE RESULTS



**CRIME TASK:**

***ANALYSIS LOOKS UNCLEARLY***



FJAKA is the most popular team

FJAKA has gained twice as many votes than FUNCUTI

ŠEMPJE has won four votes less than FJAKA

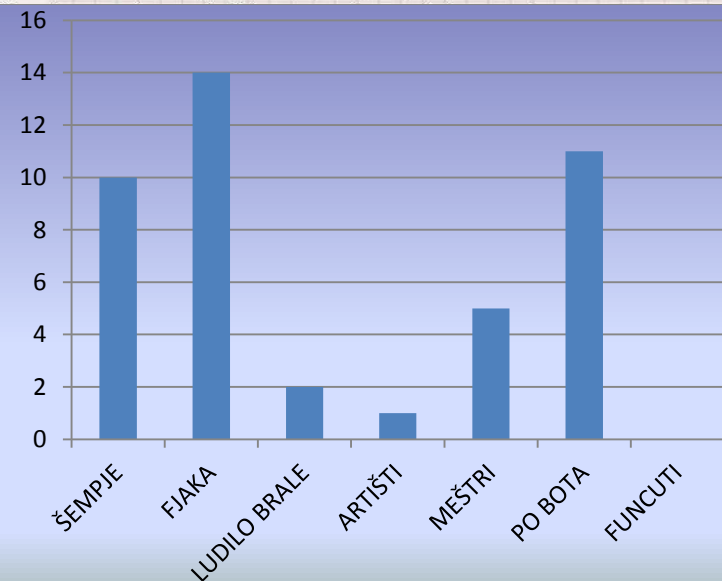
PO BOTA is the scnd most popular team

MEŠTRI has four votes more than ARTIŠTA

LUDILO BRALE has also won a few points

MEŠTRI has won 5 points

**CLUE: A = number of points of group called FUNCUTI**





**ZADAR'S CITY WALLS** have long attracted visitors, thanks to their rich history and importance, they are on UNESCO list.

Zadar's walls were originally built to keep out the invading forces from Turkey. This is one of the best-preserved examples of architecture of this kind in the region, constructed of brick and stone.



**I GO TO THE ZADAR  
TO SEE SEA ORGIES,  
MAKE HOME FOR EAGLES  
WHILE YOU'RE HERRITAGE SAVING  
I AM WITH CRIME WAIVING  
HAHAHA  
FROM SOLAR ENERGY  
YOU WILL HAVE ALLERGY  
GREETINGS TO THE SUN  
WILL BE AT ITS PEAK  
THIS ART INSTALLATION  
WILL BE CAPITULATION  
HAHHAH  
ENJOY THE SOUNDS OF THE SEA  
ORGIES MAYBE LAST TIME**



CRIME PLACE:

ZADAR

CRIME SCENE - DO NOT CROSS



Photovoltaic solar modules of the 22meter-diameter circuit, the surface of  $380\text{m}^2$  absorbs solar energy day and then transforms it into electrical power into the distribution grid. It is expected that the entire system will produce around 46,500 kWh per year.

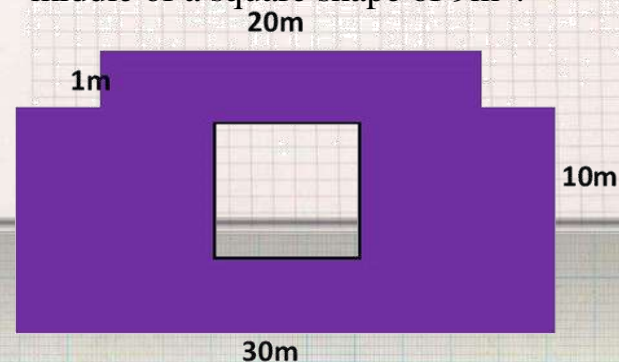
Evil Number needs free electricity - decided to use this photovoltaic slide to somehow connect to its catamaran that consumes a lot (380 m<sup>2</sup> of panels is missing), thus saving a lot of fuel for these craze.

CRIME TASK

UH VATITE ZAO BROJ

SA 500 m<sup>2</sup> of solar panels, I could reach speeds of about 15 knots, which is approximately 25 kilometers per hour.

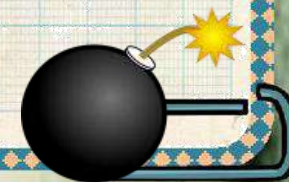
Do I have 380m<sup>2</sup> sufficient for a geometric figure of such dimensions with a hole in the middle of a square shape of 9m<sup>2</sup>?



**CLUE:**

**if yes then O = 10**

**if no then O = 3**

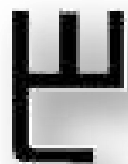


## ***MISSION: SAVING FAMOUS TAFT*** (4 ct, B.C.) !!

*From Confidential SOURCES we find that the Evil Number appeared to intrude the UNESCO heritage of our beautiful city whose roots date back to 2000 BC. The womenn who works in Museum is ready for assist you. However, the quest for the Evil Number goes to a nasty struggle above every logic. To find the Evil Number use math to achieve complete domination. Along with the diary and the map of the city, you will be in the dangerous search.*

***THE TAFT MUST BE SAVED.***

***Special agent: xxx***



b



i



s



u



u



b



ě



ju



e



q



je



jo



f



y

1. *Trogir was founded by Greek colonists from the island of Vis in the 3rd century B.C., and its many churches, palaces and fortresses testify to its turbulent and rich history.*
2. *The city was placed under the protection of UNESCO and entered in the register of World Cultural Heritage in 1997.*
3. *Trogir is home to the first pharmacy in Europe, which opened in 1271.*
4. *Among the sacral monuments, the most important are the Cathedral of Sv. Lovre, with its magnificent portal by the master Radovan, and the Chapel of Sv. Ivan Trogiranin, one of the most beautiful Renaissance monuments in Europe.*

**TOP SECRET**

Elite math trooper, before going to the secret place, go for the instructions needed for this secret mission, I buried it next to the oldest tree in Garaignin garden. Be prepared for a fantastic adventure full of various intrigues and puzzles that need to be solved. In fact, there is a huge challenge for them:

Go on a hunt for Evil Number and save taft.....  
sptyacular

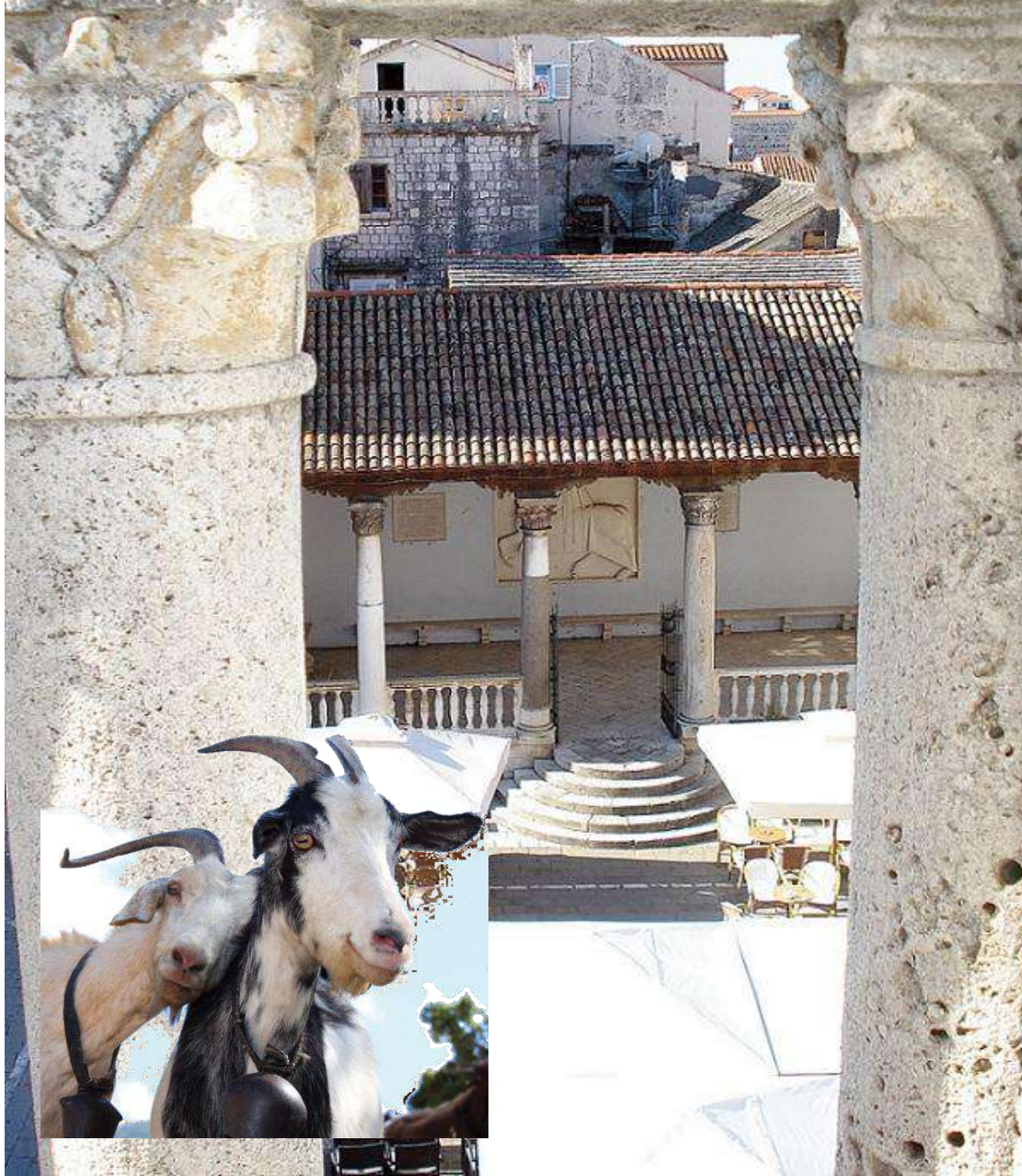
**CRIME SCENE - DO NOT CROSS**

*THE TROGIR PHARMACY* in 1271 was the first pharmacy in Europe.





# GOAT TOWN



PO TEBI SU RESLE KOPRIVE I  
DRAČE  
POSTELJA TI BILA STINE I  
GROMAČE  
KATARI I TURCI RUŠILI TI DVORE  
PUCALI KALUNI  
PINILO SE MORE  
GREGI I ROMANI GAZILI TI PUTE  
UGRI I FRANČEZI PRIKRAJALI  
SKUTE  
ČUČALE TE SUŠE  
KUGE I ŠPANJOLE  
PA TE RANE JUTE  
JOŠ DIGOD ZABOLE  
DANAS EVIL NUMBER



*This is the first botanical garden in Croatia. The first camellia in Europe was planted exactly here.*

**IN GARDEN SO BEAUTIFULL  
THE OLDEST MAGNOLIA  
COLORFULL  
PLEASE LOOK AROUND  
CAREFULLY  
CASE MUST BE  
SUCCESSFULLY**



This is your first clue to solve.



**CRIME PLACE: GARAGNIN  
GARDEN**

YOU-elithe math troupe members from Italia, Netherland, Poland, Romania and Croatia (currently located in very old garden )..... you have special mathematical skills.

While the rest of the honest world is asleep, you are looking for oldest tree in trouble deep.



**CRIME TASK: FIND CLUE**

Fortunately you found a map in your inventory, follow these instructions.

From the sign **x**, go north for \_\_\_ STEPS

Then, with the bearing  $270^\circ$  \_\_\_ STEPS

Then with a bearing  $150^\circ$  \_\_\_ STEPS

Here was the first magnolia in Europe. Mark the SPOT WITH **y**

Now, examine this spot very carefully.

I predict that you will find something

**TOP SECRET**

**CLUE:** \_\_\_\_\_



## *SAINT JOHN PATRON OF TROGIR*

His statue is situated on North city gate.

His sarcophag is in his chapel in the Trogir cathedral, work of Andrija Aleši, Nikola Firentinac and Master Radovan.



## *Powerfull hand of St. John*



*Silver angel carries a hand of st. John.*

*CRIME PLACE: NORTH CITY  
GATE*

**TOP SECRET**



Get up the stairs. Maybe there is a surprise.



**CRIME TASK:** *SECRET CODE*

Carefully follow the rules:

Rotate first wheel  $0.4 * 10$  places up

Rotate second part  $0.03 * 100$  places down

Rotate third 50-49 places down

Rotate fourth part  $0.2 * 10$  places up

Rotate fifth 3 places down

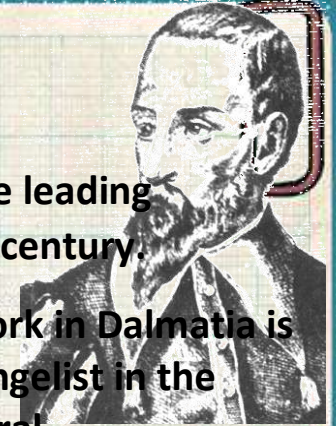
Rotate sixth 1 place up

**CLUE:** \_\_\_\_\_



## *THE MUSEUM OF TRADITION*

It is part of the famous library of the Garagnin - Fanfogna family, a lapidary collection of stone fragments and sculptures from antiquity to baroque, and a gallery of paintings by prominent Croatian painter Cate Dujšin - Ribar. The Trogir Museum in its permanent exhibition conceals three works of the famous sculptor *Ivan Duknović*.



*Ivan Duknović* one of the leading sculptors in Rome in the 15th century.

Most important among his work in Dalmatia is the statue of St. John the Evangelist in the Orsini chapel in Trogir Cathedral.

*His relief of the Virgin with a Child is placed today above the Tomb of Pope John Paul II in St. Peters Basilica in Rome.*



**CRIME PLACE:** *CITY MUSEUM*

In front of the museum there is a box with coins. Next clue points fake baggatino??

Trogir braved its own coin (bagattino) of copper with the figure of the patron saint of the city of St. Lovre. The order for money laundering was issued 1492.



**CRIME TASK:** *SECRET CODE*



I AM THE  
REAL COIN-  
go home

I AM THE  
REAL COIN-  
go to st.  
Marks tower

FIRST COIN IS  
THE REAL COIN-  
go to the North  
Gate

**CLUE:** Two statements are true and only one of the coins holds the lie --that coin reveals the next secret location

**Which coin is fake one---he will tell you where to go next.**



## *THE TOWER OF SV. MARKO*

built during the Venetian Republic for the purpose of defence against the Turks-  
today home of traditional SONGS-

**UNESCO PROTECTED**



**OJKANJE SINGING = DARING**

In Paris, the singing will be loud. The only small prerequisite is to last less than 2.5 minutes because exactly that much our agents can keep the breath .....

**THOUSANDS OF PEOPLE AROUND ME  
OOOOOY**

**BAD NUMBER WILL BE MYYYYYYY  
DARING IS MY SPECIALTY  
THERE IS MY GENIUS HERE ... OOOOOO**

**WHAT IS GEOMETRY  
WHEN YOU ARE DEALING WITH POETRY  
WHEN YOU FINND LENGHT OF A SONG**

**NOTHING ELSE CAN GO WRONG  
MAYBE YOU CAN EVEN SING  
AND FEEL A LITTLE LIKE A KING  
SINGING IS BEST CHOICE**

**YOU HAVE TO RAISE YOUR VOICE**



**CRIME PLACE: ST MARKS TOWER**



UNESCO World Heritage Committee Incorporated daring into the *List of Endangered Intangible World Heritage* for the Immaterial Cultural Heritage.  
It belongs to the oldest forms of more voices singing at same time.

**CRIME TASK: Ooo-o-o-o! Ooo-ooooo!**

The song lasts as long as the lead vocal can hold its breath.  
Our gay actually has several notes of the total duration:

$$3/4\text{min} + 2/5\text{min} + 1/8\text{min} + 0.8\text{min}$$

**CLUE:** if song lasts more then 2 minutes then your next location is Marshal Marmont Gloriet

If not then go to the bank there will be suprise.



*MARSHAL MARMONT*  
*GLORIET* of gratitude to France.

In the middle there was a Napoleon bistable,  
which, however, was not set.



*Marshal Marmont- The*  
*best marshal of Napoleon*



*CRIME PLACE: MARMONT'S  
GLORIET*



Under one stone you will find another task ... crazy... do not upset the ghosts of marshal Marmont.

*CRIME TASK:*

*C=????*



**CLUE: if the answer C=????  
is not greater of 10 then go to the  
Castle Kamerlengo**

**If  $c > 10$  then go to the post office**



## *THE KAMERLENGO CASTLE*

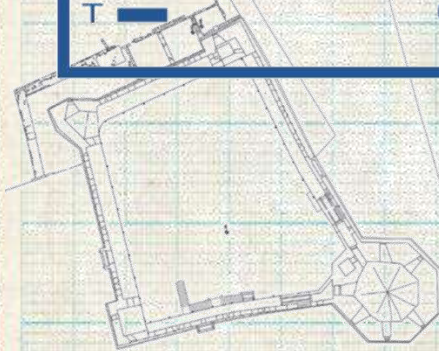
Renaissance structure --The Kamerlengo Fortress is a magnificent building in limestone from the 15th century, with an attractive polygonal tower.

It was designated as a *UNESCO WORLD HERITAGE SITE*.



## MORSE CODE

A	• —	U	• • —
B	— • • •	V	• • — •
C	— • • — •	W	• — • —
D	— • • •	X	• — • — •
E	•	Y	• — • — • —
F	• • — •	Z	• — • — • •
G	— • — •		
H	• • • •		
I	• •		
J	— • — • —		
K	— • • —	1	— • — • — • —
L	— • • •	2	• • — • — • —
M	— • — •	3	• • • — • — • —
N	— • •	4	• • • • — • —
O	— • — • —	5	• • • • •
P	• — • — •	6	— • — • • •
Q	— • — • •	7	— • — • • • •
R	• • — •	8	— • — • • • • •
S	• • •	9	— • — • • • • • •
T	— • •	0	— • — • — • — • —



*CRIME PLACE: FORTRESS  
KAMERLENGO*



Look carefully around the door.  
Can you see something  
spectacular?

*CRIME TASK:*

*MESSAGE*



**CLUE:** Maybe some strange piece of  
stone around the door can tell you the  
next secret location?

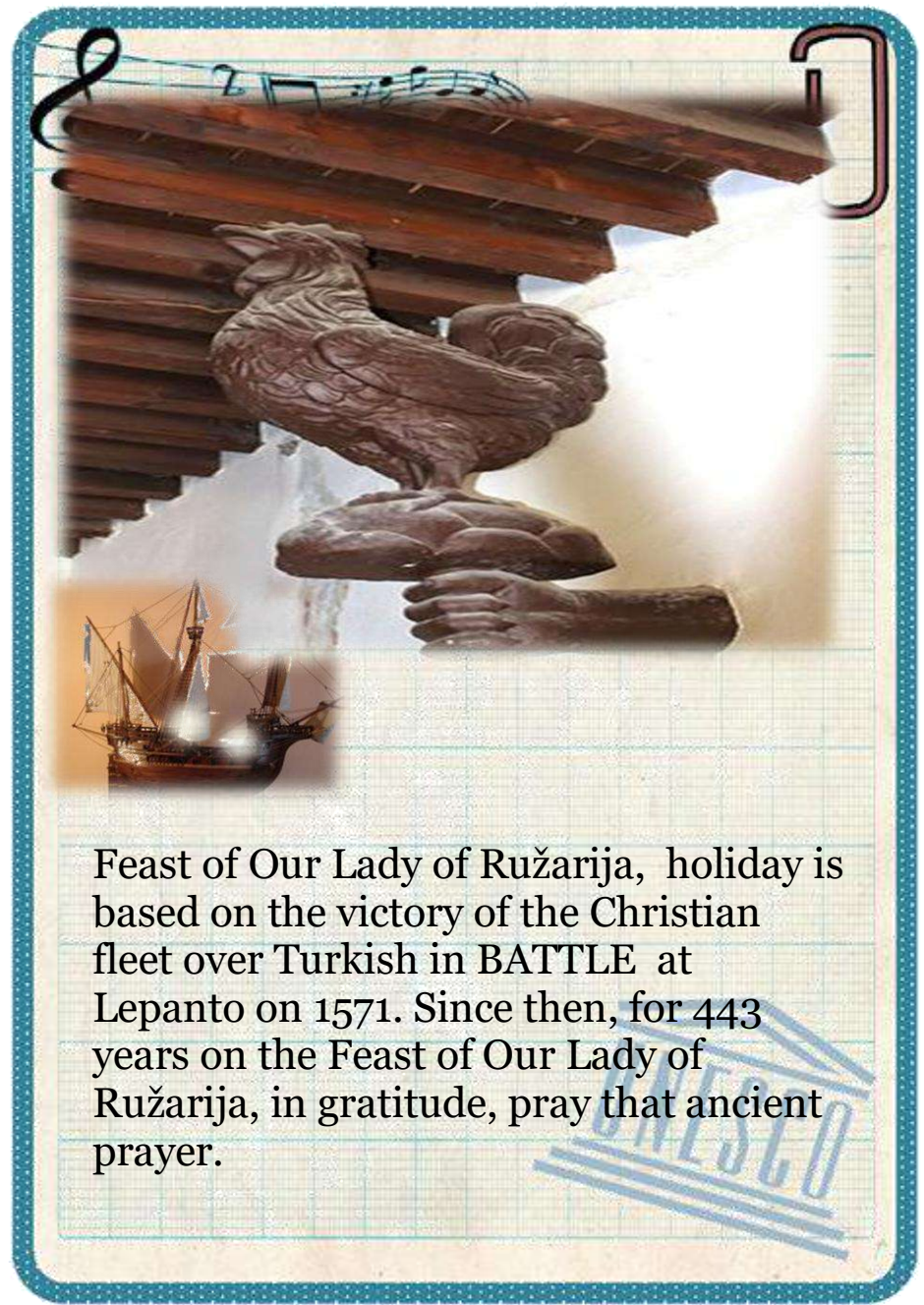
**HELP: Look in the inventory????**

**MESSAGE IS ???**



***PALACE CIPIKO:***

was home to a prominent family in the 15th century. It was built by famous stone masters.



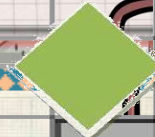







Feast of Our Lady of Ružarija, holiday is based on the victory of the Christian fleet over Turkish in BATTLE at Lepanto on 1571. Since then, for 443 years on the Feast of Our Lady of Ružarija, in gratitude, pray that ancient prayer.

**CRIME PLACE: PALACE CIPIKO**

The Turks were stronger in the number of ships and people, but the quality was on the side of the Christian ships.

Battle at Lepanto, one of the bloodiest battles in the history of wars at sea ended with our victory!!!!!!

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						
7						

**CRIME TASK:**

$$(4 \text{ [red square]} - 2) : 5 = 6$$

$$3 \text{ [red square]} - \text{[blue circle]} = 4$$

$$\text{[red triangle]} : 2 + 4 \text{ [blue circle]} = 100$$



$$(\text{[purple heart]} + 1) : 2 = 5$$

$$\text{[purple heart]} : \text{[orange ship]} = 0.5$$

$$\text{[red hexagon]} + \text{[orange ship]} = 30$$

$$2 (\text{[green diamond]} + \text{[red hexagon]}) = 46$$

$$\text{[green diamond]} + 2 \text{ [red triangle]} + \text{[red hexagon]} = \text{[black starburst]}$$

**CLUE:** If the value of the sign on place (B, 6) is greater than 100 then go to the Cathedral of st. Lawrence, if not go to the Church st. Barbara!!!

*THE ST. LAWRENCE  
CATHEDRAL*



This unique example of a few artistic styles from the 13th to the 16th century also hides the Portal – the most famous monument of Dalmatian sculpture.

It depicts lions with Adam and Eve, symbolizing Venice. The 47 meter high cathedral tower offers one other gorgeous view over the old town.





## CRIME PLACE: THE ST. LAWRENCE CATHEDRAL

- The cathedral triptych is preserved in the cathedral from the 15th St.
- The bells on the church bell tower date back to 1629, with gold and bronze in it, because the old Trogirs were throwing their gold earrings in a hot mass.
- The face of the angel, a relic carrier, with wings spreads the arms of St. John 11 / 12 ct.



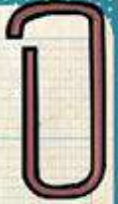
## CRIME TASK: FIND CLUE







***THE DUKE'S PALACE*** the expression of the political and economic strength of the city in the first half of the 15th century.



The Rector lived in the Palace, and the Small and Great Councils were convened there. In the 17th century it was transformed into a theater with stalls.

The theater was destroyed in the fire in 1890 when it was rebuilt into the front having a Renaissance style. It is known for the Gothic staircase in the courtyard, and well preserved winged lion of St. Mark on the wall of the building.

Various fragments and coats of arms of families from Trogir and other cities are built into the walls.



**CRIME PLACE: RECTOR'S PALACE**

Numerous wells can be seen in old houses of famous families.



**CRIME TASK: WELLS OF LIFE**

Way to open the padlock.

**3 turns to the right** and stop at the number **A**

**1 full turn left** and pass to the number **B**

turn right to the number **C**

**AND PULL THE SHACKLE**

**CLUE:** Maybe you will find the clue to get to the next location. Good luck!!

**A =** We increase a number by 10, then divide this amount by 100 and we get a score 0.5. What was the number at beginning?

**B =** We divide a number by 10, then increase this amount by 2.1 and we get a score of 5. What was the number at the beginning?

**C =**  $340:10-5$

## *PINAKOTEKA TROGIR*



*THE TROGIR PINAKOTEKA KEEPS  
MOST VALUABLE ART PIECES FROM  
CITY HISTORY*



### *Beauty mask recepie*

Few drops of LAVENDER oil

Little bit of IMMORTELLE oil

Few drops of OLIVE OIL

FEW DROPS OF  
\_\_\_\_\_ OIL

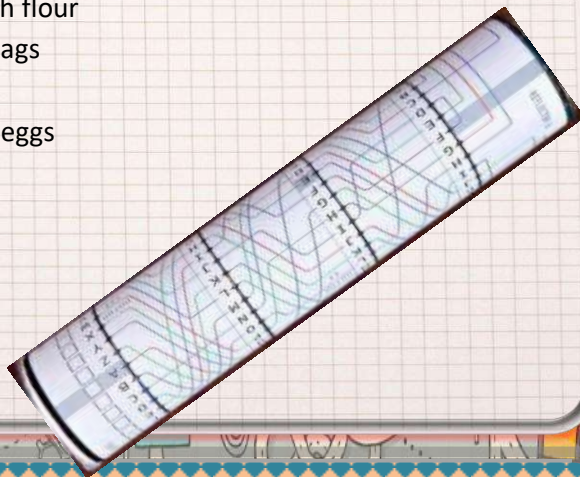


## CRIME PLACE: PINAKOTEKA

Traditional recepie for famous Trogir rafioli-

### Dough:

- 50 dkg of smooth flour
- 2 vanilla sugar bags
- 5 dkg of sugar
- 6 yellow part of eggs
- 10 dkg fat
- 50 ml of milk
- 50 ml of oil
- l a bit of salt
- 1 dcl of water



### Stuffing:

- 50 dkg \_\_\_\_\_
- 10 dkg fat
- 1 orange and 1 lemon
- 2 vanilla sugar bags
- 25 dkg of sugar
- maraskina extract
- rose extract
- juice of 1 orange and ½ lemons
- 6 white part of egg
- Your vengeance will be sweet

## CRIME TASK: FIND INGREDIENT



**HELP KEY :coded message ---key code A L O**

If secret ingredient is orange then go to the bank,  
if not then go to the Dukes palace

**CLUE:**

-----



1406., the **CITY LOGGIA** was a place of special public importance. By statute, it was forbidden to map or gamble for money within the whole city, except for the main square.



**Fortunately this is the spectacular place to hear wonderful voices**  
**VINKO COCE , "CROATIAN PAVAROTTI" WAS PART OF KLAPA TROGIR.**  
**ST. JOHN OF 'MY TRAGURION, FIND ME A GOOD ACOMPANION.**  
**HE MUST NOT BE HIGH,**  
**OR ON CARDS BETING,**  
**SMOKE ANY BOTANICALS**  
**OR GO DRINKING**  
**IF YOU DO NOT GIVE IT TO ME,**  
**IN THE CHURCH**  
**YOU WILL NOT SEE ME.**

CRIME PLACE: LOGGIA-  
MULTIPART SINGING



*Klapa singing is a multipart singing a capella tradition of the southern Croatian regions of Dalmatia.*

The leader of each singing group is the first tenor, followed by several tenori, baritoni and basi voices. *IT IS UNDER UNESCO PROTECTION*



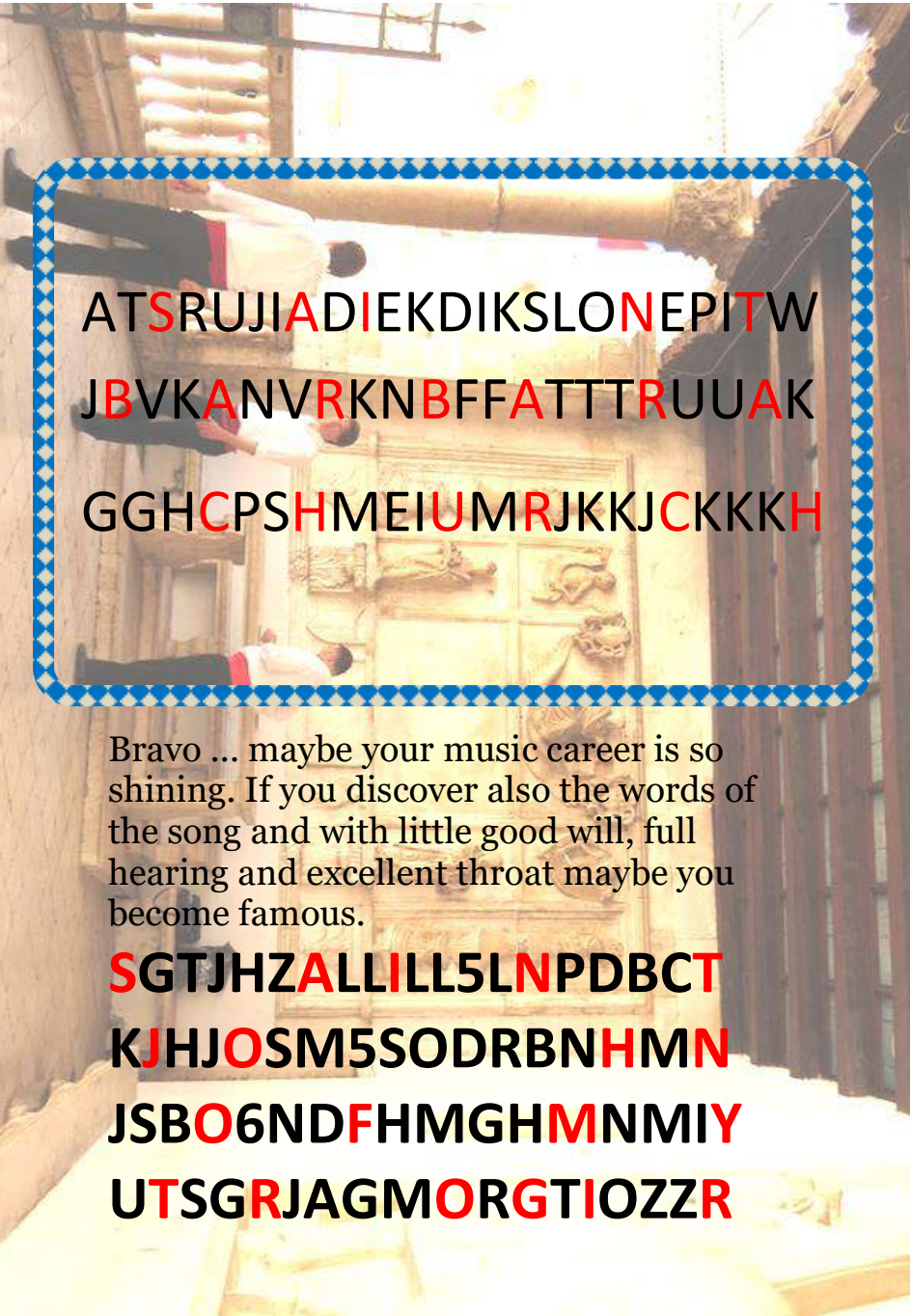
CRIME TASK: DESTINATION?

ATSRUJIADIEKDIKSLONEPITW  
JBVKANVRKNBFFATTTUUAK  
GGHCPSHMEIUMRJKKJCKKKH

Bravo ... maybe your music career is so shining. If you discover also the words of the song and with little good will, full hearing and excellent throat maybe you become famous.

SGTJHZALLILL5LNPDBCT  
KJHJOSM5SODRBNHMN  
JSBO6NDFHMGHMNIY  
UTSGRJAGMORGTIOZZR

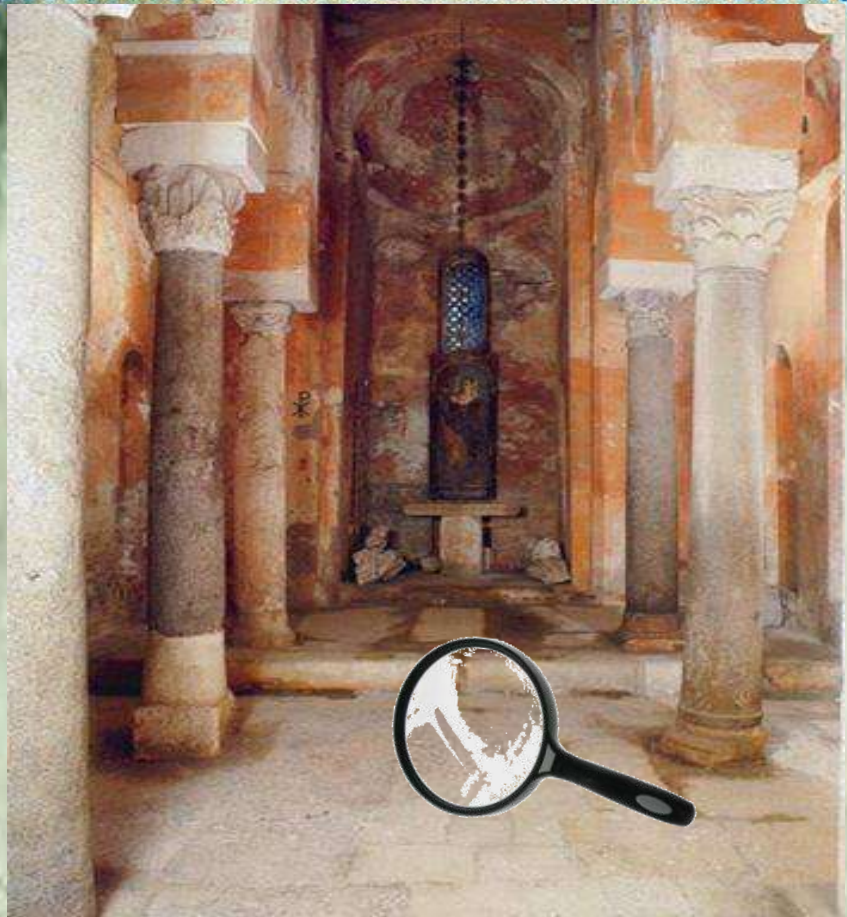




ATSRUJIADIEKDIKSLONEPITW  
JBVKANVRKNBFFATTRUUA  
GGHCPSHMEIUMRJKKJCKKKH

Bravo ... maybe your music career is so shining. If you discover also the words of the song and with little good will, full hearing and excellent throat maybe you become famous.

SGTJHZALLILL5LNPDBCT  
KJHJOSM5SODRBNHMN  
JSBO6NDFHMGHMNIY  
UTSGRJAGMORGTIOZZR



## *THE CHURCH OF ST. BARBARA*

One of the oldest and most beautiful pre-Romanesque and early Christian churches.



According to inscriptions, fragments with early Christian, parts of antique capitals and remains of frescoes, this pre-Romanesque basilica from the 9th or 10th centuries was probably built on the foundations of the 6th century church dedicated to St. Martin.

*CRIME PLACE: THE CHURCH OF  
ST. BARBARA*



Look-some strange things on the floor

*CRIME TASK: GREATEST VALUE*

$$0.007 \cdot 1000$$

$$25/4$$

$$0.5:5$$

$$6 \cdot 0.1 + 2$$

$$6:0.5 + 4$$

$$3/4$$

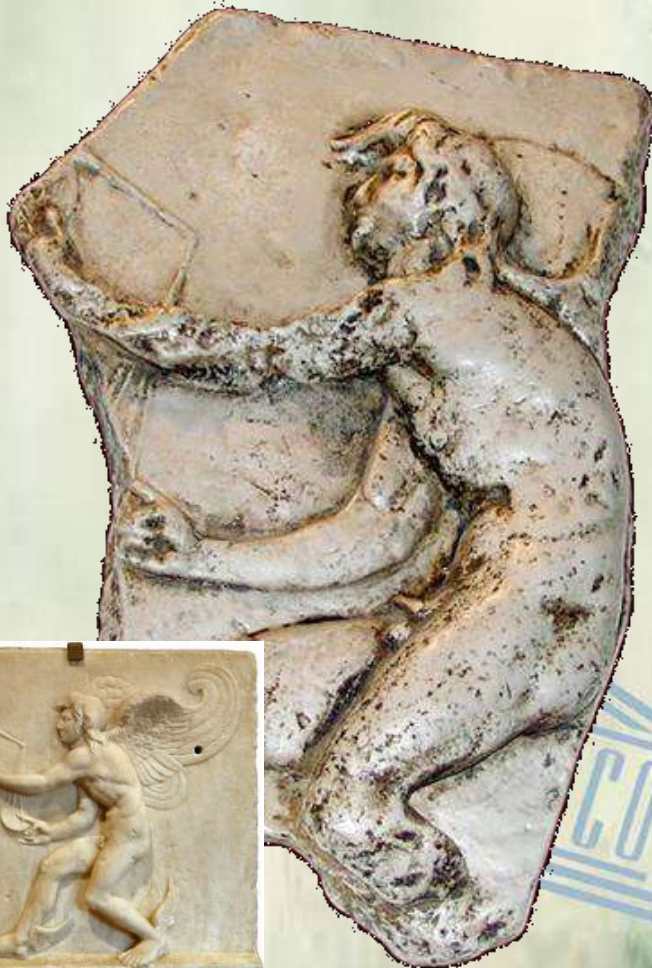
$$5/2$$

$$0.4 + 3.25$$

$$0.5 + 2.6 \cdot 10$$

**CLUE:** if the greatest value of this puzzle is greater than 10 then go to the  
If not then go to the post office.

*THE DAMAGED RELIEF OF  
GREEK GOD KAIROS FROM*



The damaged relief of Greek god Kairos from IV. st. pr.Kr. was discovered in 1928 in the abandoned house of a Trogir family, and is now kept in the Benedictine monastery. Today it is kept in the art collection "Kairos", the monastery of St. Nicholas in Trogir.

**The one who "caught it for the collar" was considered a happy person to fulfill the wishes.**

The scale that Kairos holds in his hand carries a general symbol of the moment when the two forces - the heavens and the Earth - are in the most favorable position.

For all the big and little things in life require just a moment. In it we are born, die, make decisions, win or lose.



*CRIME PLACE: CONVENT OF ST.  
NICHOLAS*



- A STUNNING COLLECTION OF TREASURES.

CONVENT'S COLLECTION IS BREATHTAKING, PRESERVED IN A BEAUTIFUL AIR CONDITIONED BUILDING.

*CRIME TASK: SAVE TAFT*

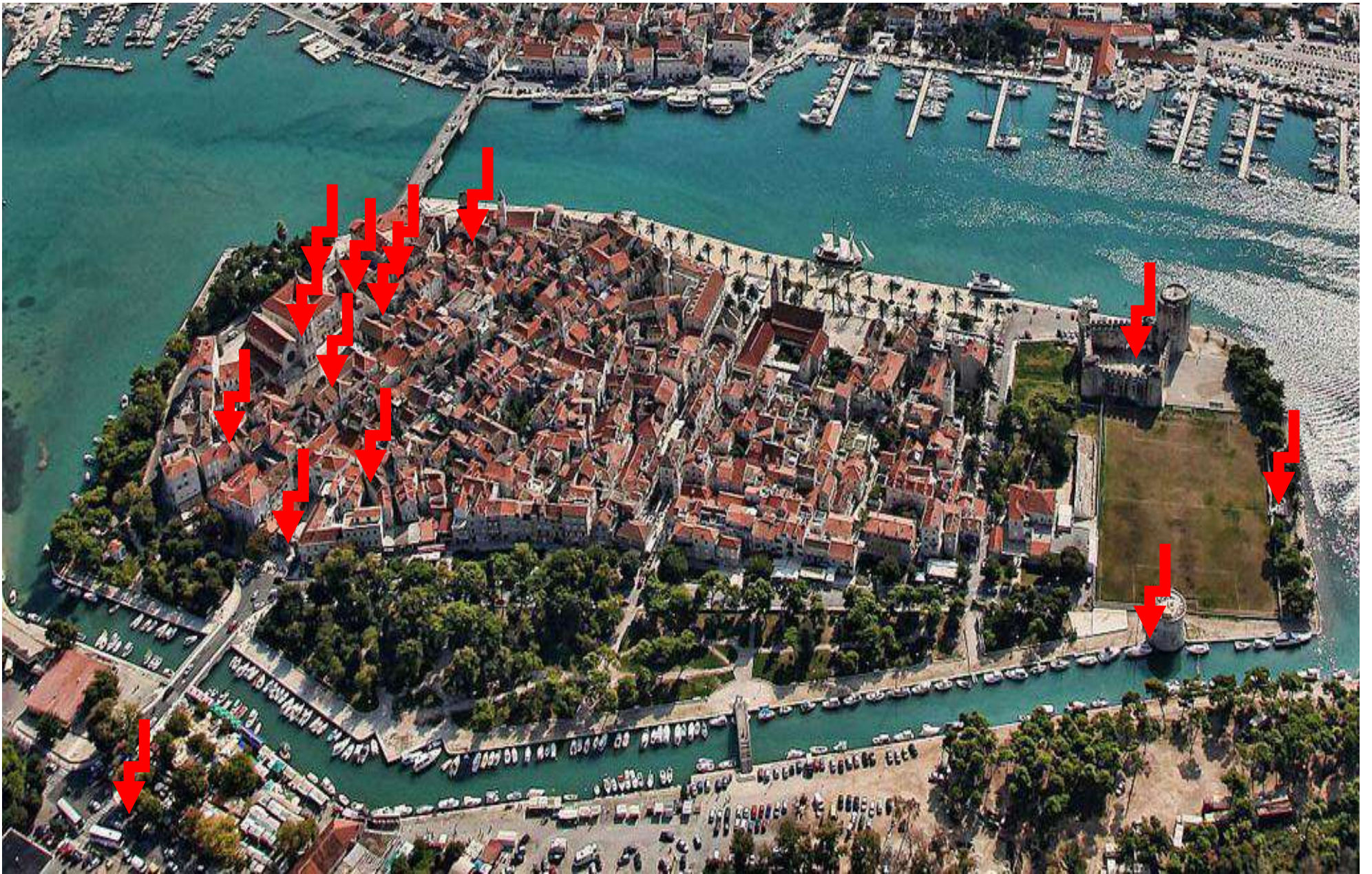
You are really brave and smart..you are almost there..the taft will be saved.

**We heard that Evil Number wants to take it again for as a weight for salt on fish.**

The platform on which the statue is located is designed to detect the mass of the statue, so if the sand bag has a different mass of statue

then the mechanism activates the spectacular self-destructing of the room. 1. The STONE density is about  $2,9 \text{ g / cm}^3$ .

If the stone has volume  $1 \text{ dm}^3$  how much does he weight?



		118	77	19		77	76
T	R				A		

	75		19	8	9
G		E			

	8		1		15	15	39
G		D		A			

42			7	
	M	E		T

121 <b>T</b> Tyberium	129 <b>R</b> Rearden	118 <b>Og</b> Oganesson	77 <b>Ir</b> Iridium	19 <b>K</b> Potassium	124 <b>A</b> Adamantium	77 <b>Ir</b> Iridium	76 <b>Os</b> Osmium	119 <b>G</b> Gundanium	75 <b>Re</b> Rhenium	125 <b>E</b> Etherium	19 <b>K</b> Potassium
-----------------------------	----------------------------	-------------------------------	----------------------------	-----------------------------	-------------------------------	----------------------------	---------------------------	------------------------------	----------------------------	-----------------------------	-----------------------------

(c) lmntology.com

119 <b>G</b> Gundanium	8 <b>O</b> Oxygen	123 <b>D</b> Dilithium	8 <b>O</b> Oxygen	9 <b>F</b> Flourine	1 <b>H</b> Hydrogen	124 <b>A</b> Adamantium	15 <b>P</b> Phosphorus	15 <b>P</b> Phosphorus	39 <b>Y</b> Yttrium
------------------------------	-------------------------	------------------------------	-------------------------	---------------------------	---------------------------	-------------------------------	------------------------------	------------------------------	---------------------------

(c) lmntology.com

42 <b>Mo</b> Molybdenum	127 <b>M</b> Mithril	125 <b>E</b> Etherium	7 <b>N</b> Nitrogen	121 <b>T</b> Tyberium
-------------------------------	----------------------------	-----------------------------	---------------------------	-----------------------------

(c) lmntology.com

68 <b>Er</b> Erbium	33 <b>As</b> Arsenic	127 <b>M</b> Mithril	92 <b>U</b> Uranium	16 <b>S</b> Sulphur
---------------------------	----------------------------	----------------------------	---------------------------	---------------------------

(c) lmntology.com

92 <b>U</b> Uranium	10 <b>Ne</b> Neon	21 <b>Sc</b> Scandium	8 <b>O</b> Oxygen
---------------------------	-------------------------	-----------------------------	-------------------------

(c) lmntology.com



# Periodic Table of the Elements

1 <b>H</b> Hydrogen 1.01																	2 <b>He</b> Helium 4.00
3 <b>Li</b> Lithium 6.94	4 <b>Be</b> Beryllium 9.01											5 <b>B</b> Boron 10.81	6 <b>C</b> Carbon 12.01	7 <b>N</b> Nitrogen 14.01	8 <b>O</b> Oxygen 16.00	9 <b>F</b> Fluorine 19.00	10 <b>Ne</b> Neon 20.18
11 <b>Na</b> Sodium 22.99	12 <b>Mg</b> Magnesium 24.31											13 <b>Al</b> Aluminum 26.98	14 <b>Si</b> Silicon 28.09	15 <b>P</b> Phosphorus 30.97	16 <b>S</b> Sulfur 32.06	17 <b>Cl</b> Chlorine 35.45	18 <b>Ar</b> Argon 39.95
19 <b>K</b> Potassium 39.10	20 <b>Ca</b> Calcium 40.08	21 <b>Sc</b> Scandium 44.96	22 <b>Ti</b> Titanium 47.88	23 <b>V</b> Vanadium 50.94	24 <b>Cr</b> Chromium 51.99	25 <b>Mn</b> Manganese 54.94	26 <b>Fe</b> Iron 55.85	27 <b>Co</b> Cobalt 58.93	28 <b>Ni</b> Nickel 58.69	29 <b>Cu</b> Copper 63.55	30 <b>Zn</b> Zinc 65.38	31 <b>Ga</b> Gallium 69.72	32 <b>Ge</b> Germanium 72.63	33 <b>As</b> Arsenic 74.92	34 <b>Se</b> Selenium 78.97	35 <b>Br</b> Bromine 79.90	36 <b>Kr</b> Krypton 84.80
37 <b>Rb</b> Rubidium 85.47	38 <b>Sr</b> Strontium 87.62	39 <b>Y</b> Yttrium 88.91	40 <b>Zr</b> Zirconium 91.22	41 <b>Nb</b> Niobium 92.91	42 <b>Mo</b> Molybdenum 95.95	43 <b>Tc</b> Technetium 98.91	44 <b>Ru</b> Ruthenium 101.07	45 <b>Rh</b> Rhodium 102.91	46 <b>Pd</b> Palladium 106.42	47 <b>Ag</b> Silver 107.87	48 <b>Cd</b> Cadmium 112.41	49 <b>In</b> Indium 114.82	50 <b>Sn</b> Tin 118.71	51 <b>Sb</b> Antimony 121.76	52 <b>Te</b> Tellurium 127.6	53 <b>I</b> Iodine 126.90	54 <b>Xe</b> Xenon 131.29
55 <b>Cs</b> Cesium 132.91	56 <b>Ba</b> Barium 137.33	57-71 Lanthanides	72 <b>Hf</b> Hafnium 178.49	73 <b>Ta</b> Tantalum 180.95	74 <b>W</b> Tungsten 183.85	75 <b>Re</b> Rhenium 186.21	76 <b>Os</b> Osmium 190.23	77 <b>Ir</b> Iridium 192.22	78 <b>Pt</b> Platinum 195.08	79 <b>Au</b> Gold 196.97	80 <b>Hg</b> Mercury 200.59	81 <b>Tl</b> Thallium 204.38	82 <b>Pb</b> Lead 207.20	83 <b>Bi</b> Bismuth 208.98	84 <b>Po</b> Polonium [208.98]	85 <b>At</b> Astatine 209.98	86 <b>Rn</b> Radon 222.02
87 <b>Fr</b> Francium 223.02	88 <b>Ra</b> Radium 226.03	89-103 Actinides	104 <b>Rf</b> Rutherfordium [261]	105 <b>Db</b> Dubnium [262]	106 <b>Sg</b> Seaborgium [266]	107 <b>Bh</b> Bohrium [264]	108 <b>Hs</b> Hassium [269]	109 <b>Mt</b> Meitnerium [278]	110 <b>Ds</b> Darmstadtium [281]	111 <b>Rg</b> Roentgenium [280]	112 <b>Cn</b> Copernicium [285]	113 <b>Nh</b> Nihonium [286]	114 <b>Fl</b> Flerovium [289]	115 <b>Mc</b> Moscovium [289]	116 <b>Lv</b> Livermorium [293]	117 <b>Ts</b> Tennessine [294]	118 <b>Og</b> Oganesson [294]

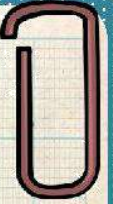
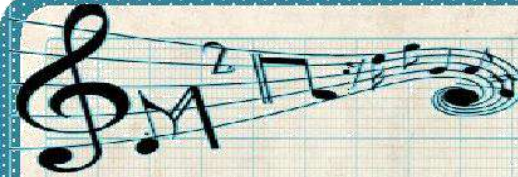
57 <b>La</b> Lanthanum 138.91	58 <b>Ce</b> Cerium 140.12	59 <b>Pr</b> Praseodymium 140.91	60 <b>Nd</b> Neodymium 144.24	61 <b>Pm</b> Promethium 144.91	62 <b>Sm</b> Samarium 150.36	63 <b>Eu</b> Europium 151.96	64 <b>Gd</b> Gadolinium 157.25	65 <b>Tb</b> Terbium 158.93	66 <b>Dy</b> Dysprosium 162.50	67 <b>Ho</b> Holmium 164.93	68 <b>Er</b> Erbium 167.26	69 <b>Tm</b> Thulium 168.93	70 <b>Yb</b> Ytterbium 173.06	71 <b>Lu</b> Lutetium 174.97
89 <b>Ac</b> Actinium 227.03	90 <b>Th</b> Thorium 232.04	91 <b>Pa</b> Protactinium 231.04	92 <b>U</b> Uranium 238.03	93 <b>Np</b> Neptunium 237.05	94 <b>Pu</b> Plutonium 244.06	95 <b>Am</b> Americium 243.06	96 <b>Cm</b> Curium 247.07	97 <b>Bk</b> Berkelium 247.07	98 <b>Cf</b> Californium 251.08	99 <b>Es</b> Einsteinium [254]	100 <b>Fm</b> Fermium 257.10	101 <b>Md</b> Mendelevium 258.10	102 <b>No</b> Nobelium 259.10	103 <b>Lr</b> Lawrencium [262]

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Basic Metal
- Metalloid
- Nonmetal
- Halogen
- Noble Gas
- Lanthanide
- Actinide

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**BRIJUNI** third millennium BC. During the great Aegean secession of peoples in the first millennium BC, Brijuni came to the Illyrian tribe Histri, which later became Istra. After which the Romans came and Byzantines. There are many cultural and historical remains on Brijuni, of which the most famous and preserved are: Roman countryside castle from I-II. St. Therme, Venetian Temple, Byzantine Castrum, and Basilica of St. Marija iz V.-VI. Century.



**I HAVE ON MY MIND  
BEAUTY OF A KIND  
BRIJUNI- WHAT A LOCATION  
UNFORTUNATELY- NOT FOR  
VACATION  
NATIONAL PARK WILL  
REMAIN  
WITHOUT THE CHARACTER  
MAIN  
EXPERIENCED COCKATOO  
ON WALKIE TALKIE,  
TALKING TOO**



CRIME PLACE: *NATIONAL PARK  
BRITUNI*

**CRIME SCENE - DO NOT CROSS**



The Evil Number captured the legend called Koki-favourite cockatoo of our former president. The last three decades he is the most attractive resident of the island, speaks several world languages, knows how to seduce and attract attention. He could reveal important world secrets.

Points  $(2,5)$ ,  $(0,6)$ ,  $(-1,5)$ ,  $(3,1)$ ,  $(-3,-2)$ ,  $(3,-1)$  are covered by cameras

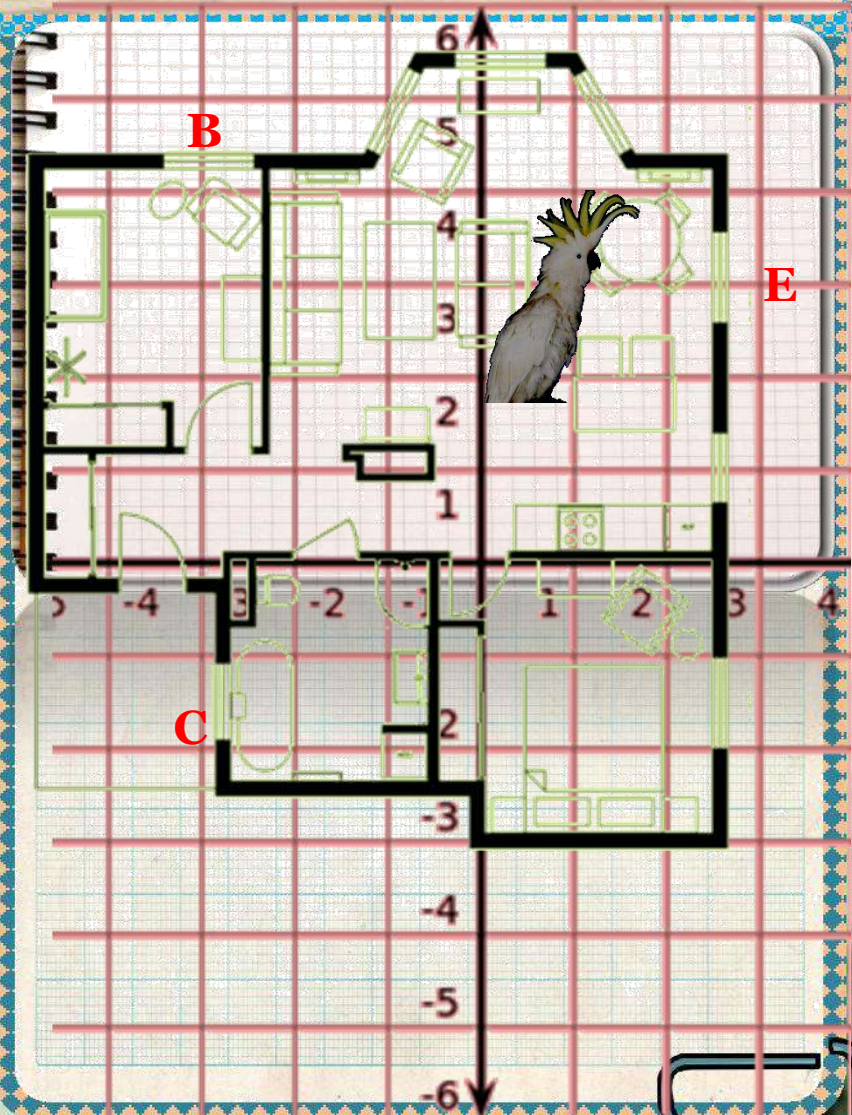
**CLUE:** If free input without camera is on B then  $B=67$

if free entrance is on C then  $C=78$

If free entrance is on E then  $E=88$



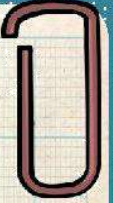
CRIME TASK: *FIND THE ENTRANCE*





**KORNATI** 150 islets and cliffs. The Kornati are an inevitable destination for yachtsmen.

The park covers an area of about 218 million m<sup>2</sup> of which 3/4 of the sea surface, and 1/4 of the surface are islands, islets and cliffs. The length of the longest crown above the sea level is 1350 m. The height of the crown is 82 m. The seabed extension of these slides reaches up to 100 m depth. The crowns are also the habitat of some rare species of birds in the Adriatic, such as gray hawks, sea wolves and cypresses.



**IT'S MORE TO THE  
NEIGHBORING ISLANDS**

**WORLD THINKS THEY  
ARE LIKE DIAMONDS**

**THEY SAY THEY ARE  
MADE**

**FROM THE SUN, THE  
STAR AND THE SEA  
BREATH**

**I WISH THEM THEM REAL  
DEATH**

**THE TOURIST CROWD IS  
WITHOUT QUESTION**

**ON EVERYONE THEY PUT  
IMPRESSION**



CRIME PLACE: *NATIONAL PARK  
KORNATI*

CRIME SCENE - DO NOT CROSS



*FULL SPEED !!!  
I LEAD !!!  
YEAAA!!!BRM BRM*

AGENT went on its warship battling criminals under full equipment in the direction of the protected area of Klobučar. The height of the Klobučar is 82 m.



CRIME TASK: *GO ON A CLIFF*



The length of the rope should be longer than the height of the Klobučar for  $\frac{1}{5}$  of that height.

**CLUE:**  $R = \text{length}$  of the rope in meters





***NATIONAL PARK KRKA*** Natural and karst phenomenon with its lakes and cascades. The last of these is the most famous – the seventh waterfall called Skradinski buk, the largest tufa waterfall in Europe and one of the most famous Croatian natural attractions, and Roški slap with a height of 22.5 meters.

The hydropower plant “Jaruga” is located on the Krka river, the second oldest hydropower plant in the world and the first in Europe, built in 1895. The park is also home to about twenty important archaeological sites, ranging from prehistory to the Middle Ages, and a system of water mills.



**TO THE WATERFALLS  
I AM RUNNING  
TO MAKE THE ELECTRICITY  
STUNNING  
ON KRKA I WILL DO CRAZY MESS  
SOMEONE SHOULD CALL A PRESS  
THE TESLA TURBINE  
TOURISTS STANDING IN A LINE  
I AM EVIL PERFORMER  
I WILL DESTROY THE  
TRANSFORMER  
FOR THE FAMOUS  
KRKA POPULATION  
THE ELECTRICITY WILL USE AS A  
DECORATION  
THE SECOND IN THE WORLD OF  
HYDROELECTRIC POWER PLANTS  
WILL NO LONGER HAVE  
CHANCE**

hihihih



CRIME PLACE:

**NATIONAL PARK KRKA**

**CRIME SCENE - DO NOT CROSS**



Evil Number came to the Krka waterfalls to enjoy the view, but intending to reduce the electricity production to Sibenik city and redirect much electricity for its needs.

*Croatia / Consumption of electricity per capita per year*

*3,900.60 kWh (2011)*

Sibenik's residents got electricity bill more than expected. Evil Number has sent a \$ 800.00 bill to everyone.

CRIME TASK:

**ELECTRICITY BILL**

Help Mr. Guberina to correctly calculate el.energy consumption in his household and calculate for how much his account is unjustly increased.

What account should it actually be?

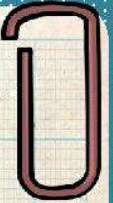
number of counters	date of	datum to	price	Beginning date	Finishing date	potrošak	jedinična cijena sa pdv	iznos kn sa pdv	
23566 23324 345	01.01.2 017.	01.02. 21017	Higher price	246 78 kWh	25178 kWh		0.95kn		
23566 23324 345	01.01.2 017.	01.02. 21017	niža tarifa	237 77 kWh	24177 kWh		0.46kn		
fee for the supply service								70,00	
a supplement to stimulate production from renewable sources								37,00	
total amount of account									

**CLUE: C= amount of bill**



## ***NATIONAL PARK MLJET***

ISLAND IN THE ISLAND On the islet of Sv. Mary, whose size is 120 m x 200 m, is a Benedictine monastery. Its surface area is 0.5 ha. The System of the Great and Small Lakes represents the unique geological and oceanographic phenomenon in karst, which is significant in the world. The Holy Mary church is situated on Great Lake Isle. In the Small Lake there is a species of prehistoric jellyfish.



**MLJET NATIONAL PARK**

**SPARKS IN THE DARK**

**ISN T HARD TO GET**

**FOR NEXT EVIL SET**

**I WILL DEVASTATE A FEW  
MILLS**

**TO DESTROY THE HERITAGE I  
HAVE GOOD SKILLS**

**I'LL MAKE BAD THINGS**

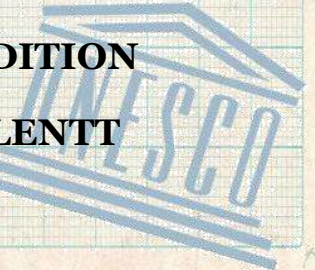
**AT THE CENTER OF THREE  
CLIFFS**

**YOU WILL FIND**

**LOCATION, OF KIND**

**BE IN GOOD CONDITION**

**TO TAKE EXCELLENT  
POSITION**





CRIME PLACE: *NATIONAL PARK  
MLJET*

**CRIME SCENE - DO NOT CROSS**



Dear lovers of old watermills and the owners of neglected mills in ever faster life and time, people have realized that without the preservation of heritage there is no future for us and our children. Evil number seriously intends to steal 5 tons of flour from the mill. Will he succeed in his plan? We have to stop it.



CRIME TASK: *MILLS, MILLS*



The maximum height of the wooden wheel is 13 meters. How many circles does a mill make for 1 day if one basket in 1 second at average speed moves by 5 degrees. Can the mill grind in a week 5 tons of flour, constantly working, if it produces 50 dc of ground flour for each round?

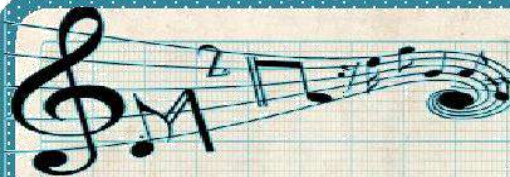
**CLUE:** *If YES then S= 200  
If NO then G=56*





### ***CAVE MANITA- PAKLENICA***

Manita Peć cave is rich in underground fauna. In the cave you will discover numerous species of bats, and the research conducted so far has found a total of 52 taxa of invertebrates, 20 of which are true cave animals' taxa. Manita peć has been explored and searched for fauna by numerous renowned European biospeleologists.

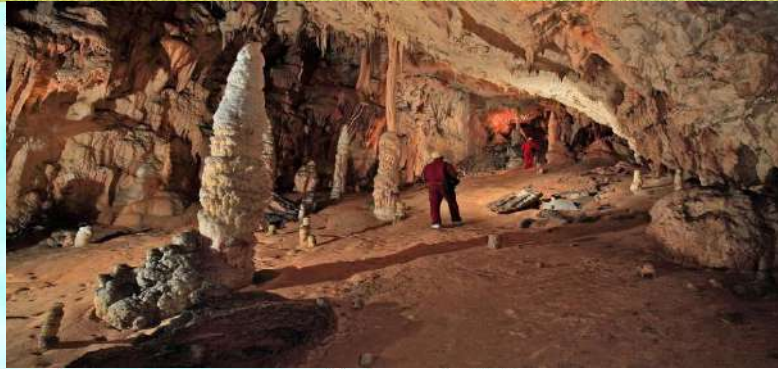


**IN THESE PITS  
MY FEET ARE LIKE SHITS  
I'M STILL LOOKING FOR  
BATS ....  
IN NEED FOR COMBATS  
PERHAPS FEEL MORE  
CREAPY  
IF THEY ARE ALL SLEEPY**



CRIME PLACE: *CAVE MANITA-PAKLENICA*

**CRIME SCENE - DO NOT CROSS**



Members of the NP Paklenica Speleology Society have determined by a BAT DETECTOR that the entire bat population has disappeared. There are still a several of them in Manita Peć cave. The evil number is planning to grow a special type of vampire bats in Manita Peć cave, but it all went wrong when they attacked five unannounced visitors in the cave: friends: Fićo, Mićo, Sićo, Tićo i Vićo. The victim of the vampire bat that had lost the most blood is in great danger and urgently needs infusion.



CRIME TASK: *FIND ENDANGERED*



1. Fićo has lost 4 ml of blood before he managed to chase away the bat, but not using a purse or a fist and he wasn't the last in a row.
2. The bat that was chased away with a cane manage to drain 1.5 ml of blood more than the bat that 2 seconds before attacked a victim (which is not Sićo) who had used slippers to chase away the bat.
3. Sićo had lost more blood than the victim who was last in a row.
4. The bat was chased away with a fist 2seconds after the bat which was chased away with a purse.
5. The victim who had lost 7ml of blood was the second persona attacked before the victim who had lost the least blood, which was not at 13:12
6. The victim attacked at 14: 13: 10 was Mićo and he didn't defend himself with the slippers.
7. Tićo didn't use an umbrella to defend himself from the bats.

**CLUE: U/Y = 10 times amount of ml of the victim blood**



## *NATIONAL PARK PLITVICE LAKES*

The waters flowing over the limestone and chalk have, over thousands of years, deposited travertine barriers, creating natural dams which in turn have created a series of beautiful lakes, caves and waterfalls. These geological processes continue today. The forests in the park are home to bears, wolves and many rare bird species.



A sheet of graph paper with a treble clef, musical notes, and a paperclip. The paper is yellow with a blue grid. A treble clef is drawn in the top left corner, followed by a series of musical notes. A paperclip is drawn in the top right corner. The grid is composed of blue lines. A vertical axis is drawn on the left side of the grid, and a horizontal axis is drawn at the bottom. The word "UNESCO" is written in a stylized font at the bottom right of the grid.

UNESCO

CRIME PLACE:

**NATIONAL  
PARK PLITVICE**

**CRIME SCENE - DO NOT CROSS**



### NATIONAL PARK PLITVICE LAKES

Every year the Plitvice Lakes National park is a home of a marathon on bicycles. This year the main prize is a solar powered bike. hahaha  
Marathon on Plitvice! 42 km long run.

CRIME TASK:

**SOLAR POWER - MOTOR**

**CLUE: H=** *time needed to finish the race in minutes*

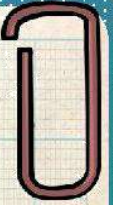
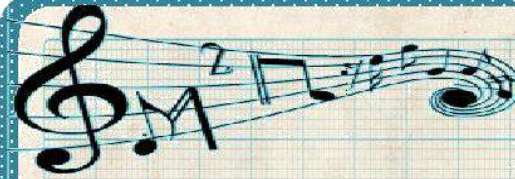
The first half of the run I go at constant speed at 1h 30min. The next 10 km for 40 minutes, the rest of the race at a constant speed of 15km / h.

Draw a graph, specify the average speed and time needed to complete the race.

# RISNJAK



***NATIONAL PARK RISNJAK*** was named after its most famous inhabitant-WILD CAT. It is filled with deep ponies, karstic hills and stunning forests, and it is also the source of the River Kupa (one of the deepest Croatian springs (deeper than 154 meters).



**ROCKY ROCKS**

**LIKE HIGH BLOCKS**

**SOME OLD TREES**

**GET MY LOOK FREEZE**

**I AM DISORIENTED**

**EVIL IS NOT ENDED**

**TO GO LEFT OR RIGHT**

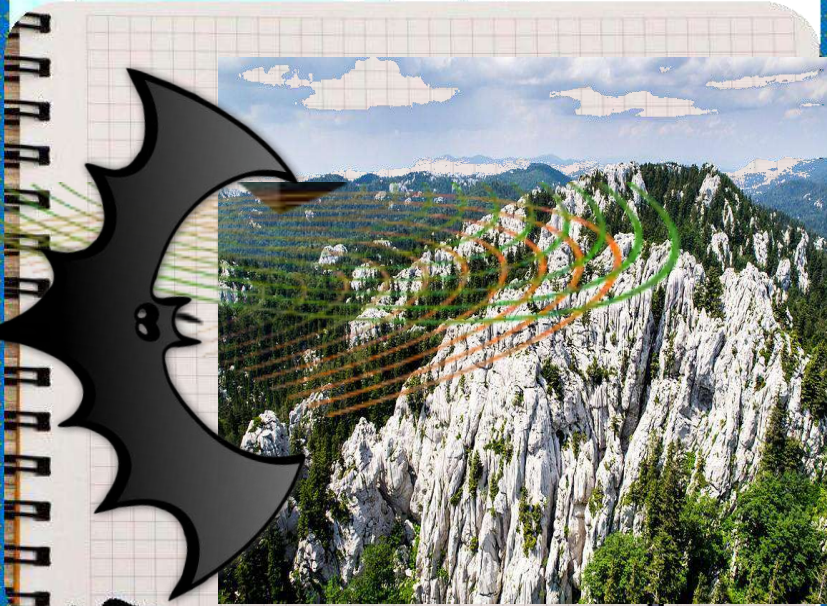
**THE QUESTION IS TIGHT**



CRIME PLACE: **NATIONAL PARK  
RISNJAK**

**CRIME SCENE - DO NOT CROSS**

*Our well-known botanist, Dr. Ivo Horvat, said,  
"Among the rickety rock climbing rocks and deep  
rushes, in the beautiful coniferous and  
whitewashed forests, live an undisturbed plant  
and animal world, and let the man pass his paths  
with full respect to the great natural entity he  
comes across."*



CRIME TASK: **ORIENTATION  
PROBLEM**

This bat cried in the direction of the mountain and the echo returned for three seconds. How far away from him was the obstacle?

At  $20^\circ$  the sound speed is approximately  $340\text{m / s}$ .

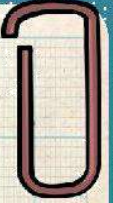
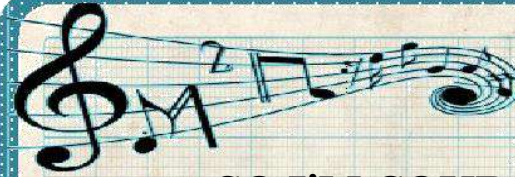
You are somehow disoriented, first determine how far away is the mountain( $J$ )?

**CLUE:  $J = \underline{\hspace{2cm}}$**



### ***NATIONAL PARK VELEBIT***

belongs to the mountain Dinaride system and it is its longest mountain. At the same time, Velebit is the most interesting and the richest natural landscape in Croatia. In order to protect these values, whole Velebit was declared as nature park, and its most precious landscapes are protected as national parks, strict reserves and nature monuments. The whole mountain was in 1978 included in the list of biosphere reserves in the network of UNESCO programme "Man and the Biosphere".



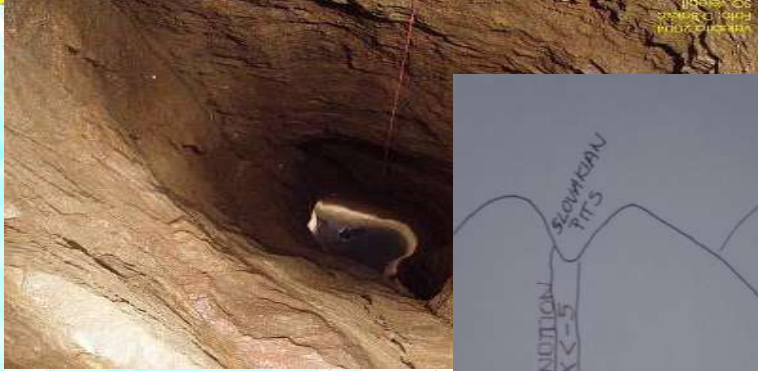
**SO I'M COURAGEOUS  
I WILL BECOME FAMOUS-  
OF MUCH OXYGEN  
ARITHMETIC STARTED  
EVERYTHING IS ON MY MIND  
ONE CRIME MIRACLE  
NOT TO BE DISAPPOINTED  
WELL LOOK AT WHERE THE  
MESSAGE IS POINTED  
THE DEEPEST PIT  
THERE IS AN ANOMALY IN IT  
TAKE THAT MESSAGE  
DONT HER MISCARRIAGE  
YOU WILL FIND A MARK ON THE  
POSITION  
IN WHICH THE SOLUTION  
ASSIGNS THE CONDITION**





CRIME PLACE: **NATIONAL PARK VELEBIT**

**CRIME SCENE - DO NOT CROSS**



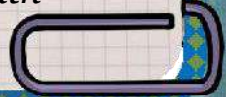
The deepest pit in Croatia is Luka's Pit. Due to its shape, it is also called – Trojama. Some divers have dived here at the end of the 19th century. It is one of the best spelaeology sites in Croatia. It is an unknown type of underground water system also found in the pit.

It is currently in the 14th place of the deepest pits in the world.

**CLUE:**  $T =$  depth of the pit with correct answer (in meters)



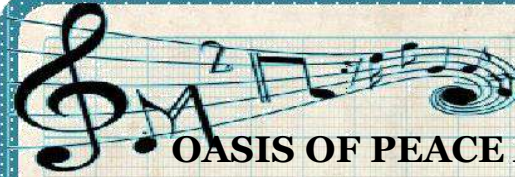
CRIME TASK: **FIND THE MESSAGE**





### ***KOPAČKI RIT NATURE PARK***

is a flooded area between the Danube River and the Drava River. Kopački rit is one of the largest freshwater fish hatchery in the Danube region and the most important ornithological reserve in Croatia - of the 282 bird species, 141 of them are regularly or occasionally nestled in Kopački rit. Beaver is an endangered animal due to the exceptional stressful conditions.



**OASIS OF PEACE AND GREEN  
NATURE HAS SET ON THIS  
SCENE  
UNTIL RECENTLY, IN THIS  
SOCIETY  
EVERYTHING WAS VERY  
QUIETLY  
ALTHOUGH THERE WAS  
PLENTY OF MUD  
A BEAVER FAMILY WAS  
SENSING A FLOOD  
THE NEW PLACE WAS  
CHOSEN  
IT WAS PRETTY STRESSFUL  
NEIGHBORHOOD BECAME  
FULL  
AND SINCE THERE CAME A  
HERON  
HER NAME WAS SHERON  
BECAUSE IMPOSSIBLE NOISE  
NOBODY HERE ENYOJS**

CRIME PLACE: *NATURE PARK  
KOPAČKI RIT*

**CRIME SCENE - DO NOT CROSS**



Thus, one family of beavers also successfully settled in the Nature Park Kopački rit, since there are ideal conditions for their reproduction. Everything went well until last Sunday, when some herons and storks came to their neighborhood. The noise of these birds caused beavers a lot of stress.

Because of the stress, it is recommended that they take 80mg of blood pressure lowering medication.



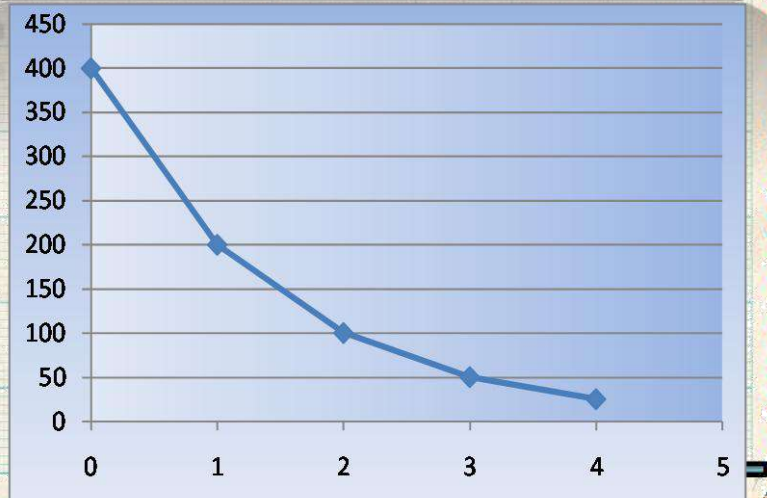
CRIME TASK: *BEAVER'S PRESSURE*



The lower chart shows the initial amount of the drug received and the amount of drug that remains active in the blood after the first, second and third day.

How many more days should pass so that the drug concentration drops below 5 mg in order to live through the day more peacefully?

**CLUE:**  $L = \text{number of days}$





### ***NATURE PARK LONJSKO POLJE***

In the park there is also the village of Čigoč, where almost every house has its "nest", which is why the village was declared the "European Village of Storks" in 1994. With an area of 50,650 hectares, the Lonjsko Polje Nature Park is the largest protected wetland area in the Republic of Croatia. It is located in the plain of the Sava River, between the towns of Sisak and Stara Gradiska, and it is actually made of three fields - Lonjsko, Mokro and Poganovo.



**WHEN BABIES ARE BORN**

**THERE IS LOT OF STORM**

**THE STORKS FEEL  
NERVOUSLY**

**WHEN THEY HAVE TO FLY  
CAREFULLY**

**THE HEADAKE IS BREAKING**

**WITH LOT OF SHAKING**

**THEY REACH MORE HEIGHT**

**WHEN MUSIC IS RIGHT**



CRIME PLACE:

*NATURE PARK  
LONTSKO POLJE*

**CRIME SCENE - DO NOT CROSS**



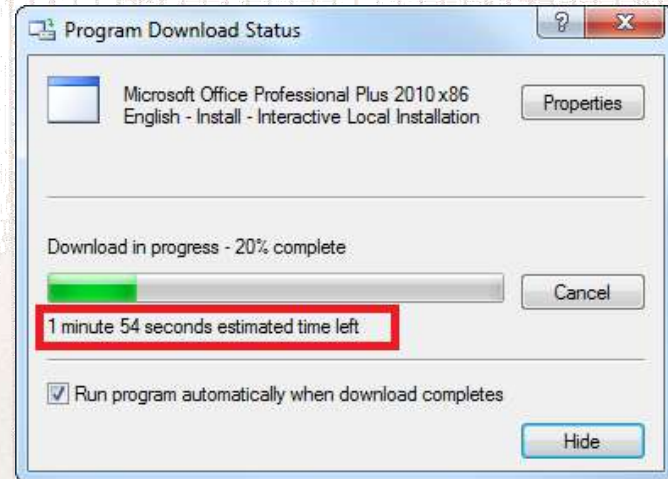
250 recorded species of birds live there, some of which are endangered.

Our secret agents are concerned with these endangered species.



CRIME TASK:

*SAVE BABY TRANSPORT*



In order for the atmosphere to be suitable for a better mood of the storks, the agents decided to let music. They have 1/30 of hour to download the music? It passed 1 min and 54 seconds and only 1/5 songs were downloaded.

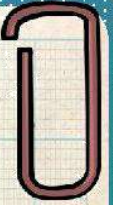
**CLUE: O = time needed for downloading all songs**





***NATURE PARK MEDVEDNICA***  
***1033 m***

Within the park there is a 7200 m long canal of the magnificent cave of Veternica on Medvednica. The highest peak of Medvednica is Sljeme. Every day, new paths, and corridors are being discovered, so the real length of the cave is still a mystery.



**TOWARDS MEDVEDNICA  
NATURTE PARK**

**I HURRY IN THE DARK**

**IN SKI I ENYOJ**

**BUT THE PATH I WILL  
DESTROY**

**AND SKI BASE**

**WONT BE AMAZE**

**I'LL CHANGE THE SLOPE OF  
THE TRACK**

**YOU WILL NEED A LUCK**

**WILL BE A REAL SENSATION**

**PEOPLE WILL NEED  
AMORTIZATION**



CRIME PLACE: *NATURE PARK*  
*MEDVEDNICA 1033 m*

**CRIME SCENE - DO NOT CROSS**



Compared to other caves in Croatia, Veternica Cave is the fourth longest in Croatia. It was created during the Pleistocene that began 1.8 million years ago and ended 10,000 years ago.



CRIME TASK: *SNOW QUEEN TROPHY*



Which is the maximum number of points our agent can win if he takes all the flags on the way to the SuperTrack for Professionals

**CLUE:  $I = a * b$**



## *NATURE PARK VRANA LAKE*

Vrana Lake and the surrounding area was declared a nature park. It is one of the few, almost untouched natural habitat of water birds, with fresh water springs and the area of specific characteristics and biodiversity.



**I GO TO VRANA LAKE  
TO HAVE A DELICIOUS STEAKE**

**THIS YEAR**

**A REAL FASHION HIT**

**FROM THE ČAPLJA DANGUBE**

**THE PERIANTH WILL BE A BIT**

**I WILL DESTROY MANY**

**NESTS**

**I WILL BECOME**

**SUPERSTAR ON MANNY FESTS**

**AN ENDANGERED SPECIES**

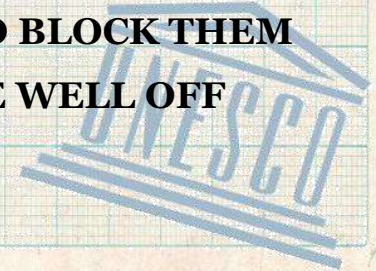
**IT'S GOING TO HIT MY FINGER**

**IF YOU CAN TRACK THE CASE**

**I HOPE YOU UNDERSTAND**

**IF YOU WANT TO BLOCK THEM**

**YOU WILL BE WELL OFF**





CRIME PLACE:

*NATURE PARK  
VRANA LAKE*

**CRIME SCENE - DO NOT CROSS**

**HERON 1.**

moves for 0.5 km around the point A or 1 km around the point B

**HERON 2.**

Its transmitter reveals that it is always 2 km around point G

**HERON 3.**

Was just seen about points E and could not exceed more than 1.5 km from point E

**HERON 4.**

is located at point F and can move 2 km around point F

**CLUE:** is there a possibility that heron 2 can meet heron 4 and heron 1

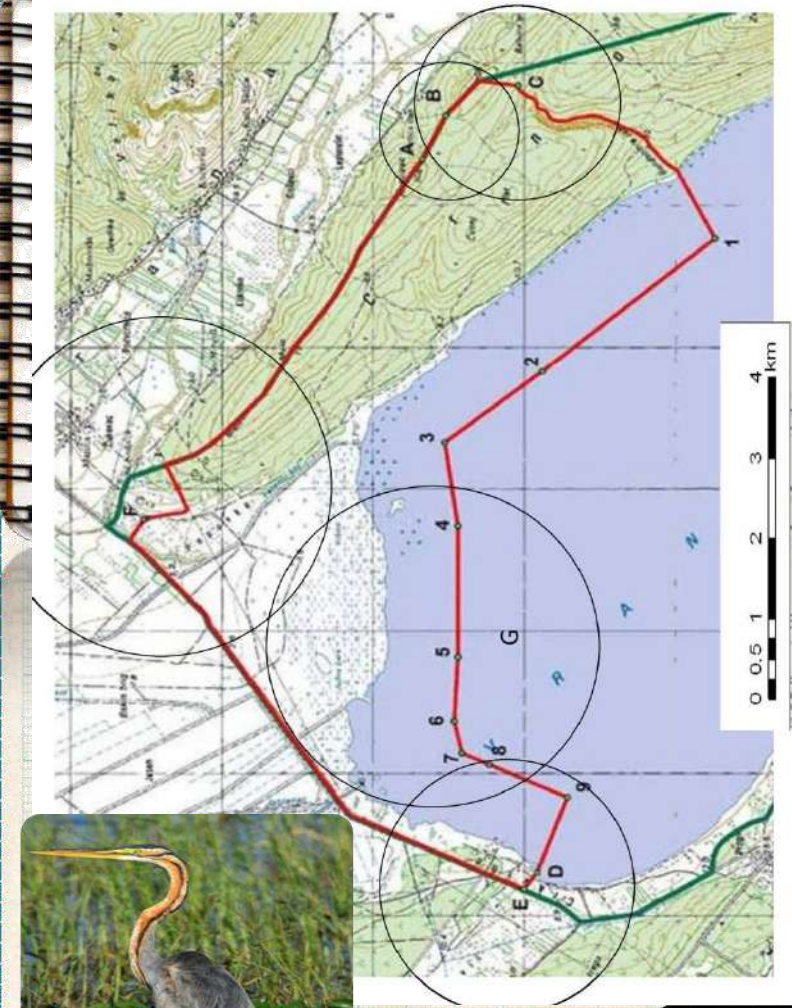
If yes then **D= 20**

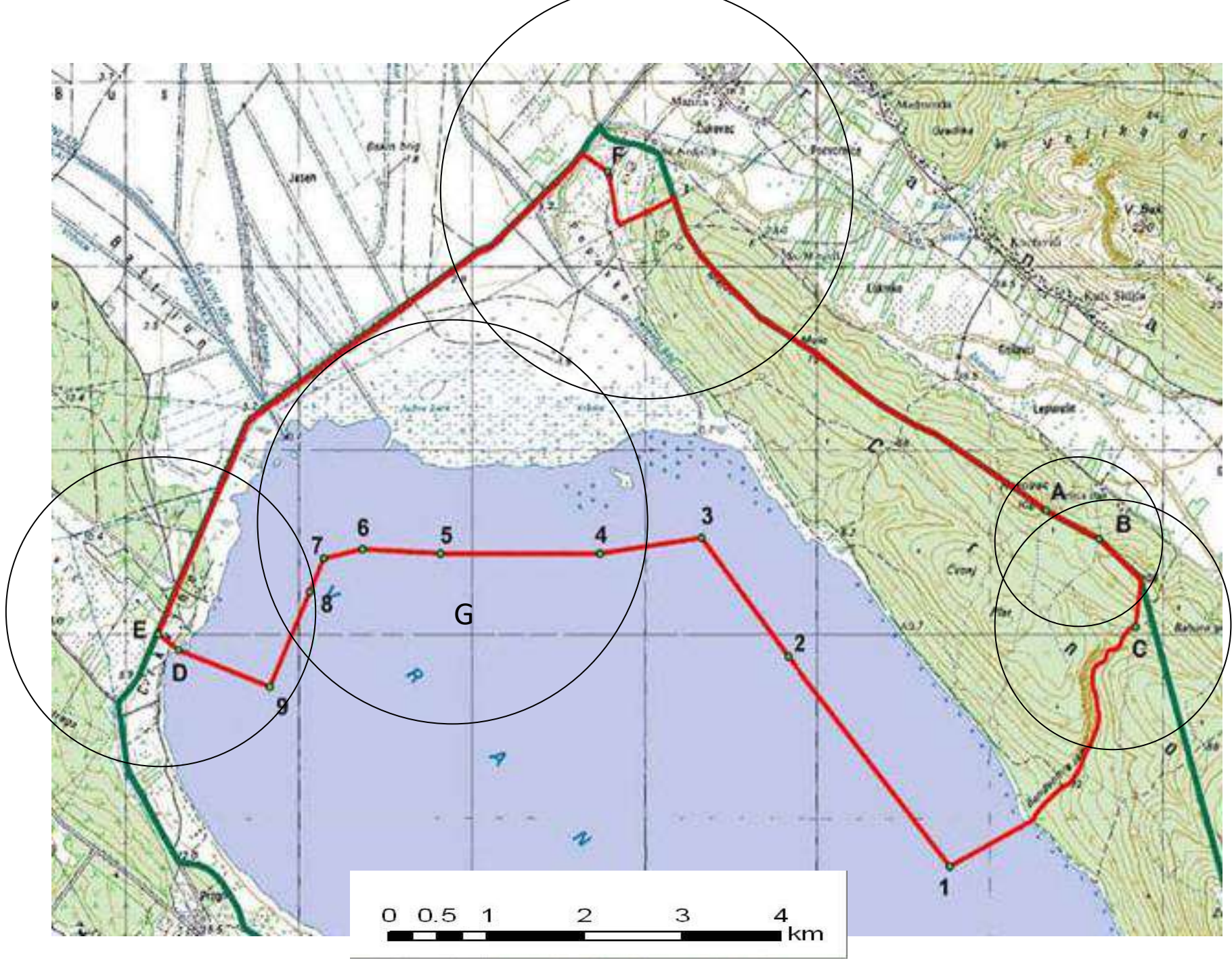
If no then **D= 50**



CRIME TASK:

*FIND BIRDS*





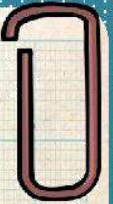
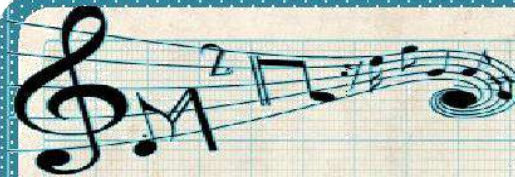




## ***NATURE PARK UČKA***

Griffon vultures on Cres are the only in the world that nest along the coast. The Učka and the nearby contact area recorded 167 bird species

Griffon vultures are shy and cautious animals and they need the stage of adjustment to a new feeding area in the Park Nature Park, and when their arrival stabilizes, observatory will be opened for visitors. As part of the development services birdwatching was purchased and a van to transport visitors to the natural habitat.



**GRIFFON VULTURE BIRD**

**SEAMS VERY WIRD**

**LOVES TO REST**

**IS HIS NEST**

**ON THE ISLAND CRES**

**IT'S A KIND OF SUPER-  
STAR**

**I THINK HIS PLAN IS  
BIZARRE**

**HE EATS EVERYTHING**

**LIKE A KING**



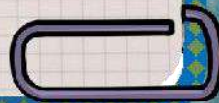
CRIME PLACE: *NATURE PARK  
UČKA*

**CRIME SCENE - DO NOT CROSS**



Učka Nature Park was built in a feeding area for the griffon vulture with watchtowers given them especially during the nesting and in the first year of life required a reliable source of food.

By building a feed we are creating the preconditions of a perspective here.



CRIME TASK: *BACK TO NATURE PARK*



Drop them to the highest value location  
if  $x = 2$

**CLUE: A** = the value on that field

$$3x-3$$

$$1/2x+9$$

$$2x-4$$

$$4(x-2)$$

$$1/4(2x+4)$$

$$3/2x$$

$$1/2(x-2)$$

$$0.4(x-1)$$

$$0.5x$$





Vinkovačke jeseni – Top manifestacija pjesme i običaja Srijema i Slavonije i želje da se sačuva od zaborava nekadašnje selo, njegovi ljudi i običaji.

Smotra državnog folklora je središnji događaj Vinkovačkih jeseni.

U završnoj večeri ERO S ONOG SVIJETA u izvedbi KUDA HNK SPLIT.

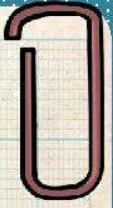
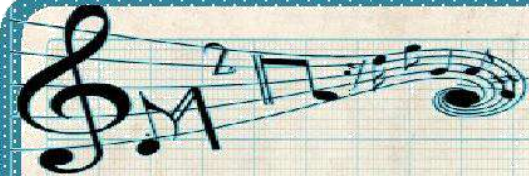
Vrsta fizičke aktivnosti (1 sat)	60 kg	70 kg	80 kg	90 kg
Ples, brzi	325	387	449	512
Brisanje prašine	148	176	204	233
Brzo hodanje	384	457	531	605

Koliko bi vremena trebao provesti brišući prašinu ili pišući domaći rad da potroši onoliko kalorija koliko je plesao



Lace-making in Croatia is a tradition dating back to the Renaissance..

Throughout the years, Croatian lace has become notable for its unique patterns and designs. In 2009 UNESCO recognised lacemaking in Croatia as an *Intangible Cultural Heritage of Humanity*.



Today in Croatia there are several centres of lacemaking tradition: the Adriatic islands of Pag and Hvar, the northern town of Lepoglava and the Sveta Marija village in the Međimurje County.

FOR THE FUN OF LACE

IT IS BETTER TO GO TO LEPOGLAVA PLACE



**CRIME PLACE: *THE INTERNATIONAL LACE FESTIVAL IN LEPOGLAVA***

**-CRIME SCENE - DO NOT CROSS**



Lepoglava lace delighted the Japanese royal family.

Residents of Lepoglava found themselves in front of the problem- - the value of lace was recognized all over the world.

Large orders arrived at their door - the problem is how to improve production and achieve a more favorable loan to meet such a large order.

**CRIME TASK: *BETTER OFFER?***

Loan from CHINA

$\_ 5 0 9 8 \_ \text{€}$

Loan from JAPAN

$5 0 9 8 \_ \_ \text{€}$

Both numbers are divisible by 10 and 9.

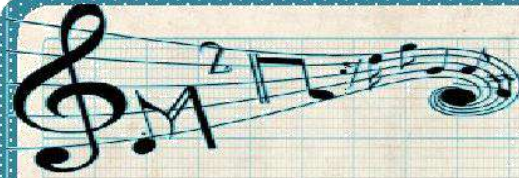
Find the missing digits

**CLUE:**  $K = \_ \_ \_$  (bigger amount of money)





Stone lace called dry stone walls, these structures were built without mortar to hold the stones in place. Instead, they were stacked and fit snugly together like puzzle pieces. The technique is centuries old – and so are most of the walls. Dry stone wall building are part of the *UNESCO List of Intangible Heritage*.

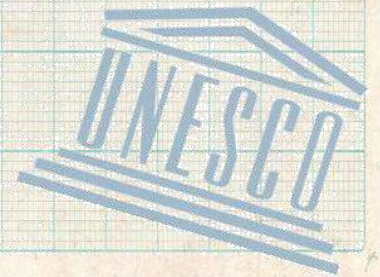


**ABOUT DRY STONE WALL  
WE SPEAK**

**IT IS A SPECIAL STONE  
TECHNIQUE**

**THOUSANDS OF YEARS  
STAND**

**MADE BY  
HARDWORKING HAND**



**CRIME PLACE:** *ISLAND BALJENAC*

**CRIME SCENE - DO NOT CROSS**

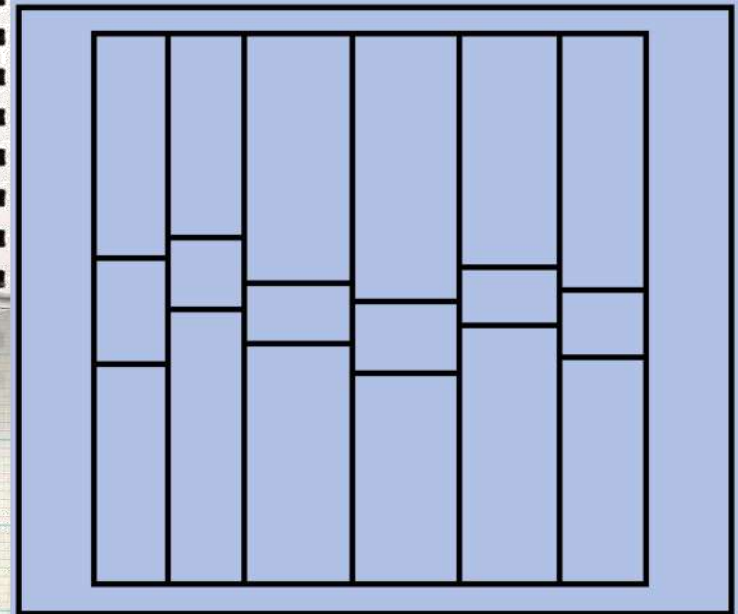
On 10 hectares island, 23 kilometers of drywall. Lace and hoop, wedge and hoop - all that people had on this island. Unusual form of walls has become a hit in the world. The Baljenac Island resembles a giant fingerprint.



**CRIME TASK:** *POSSIBLE OR NOT??*



I want to plant olive, carob, lavender and immortelle on these parts, but only one of them and provided that same cultures touch the same drywall. Is it possible?

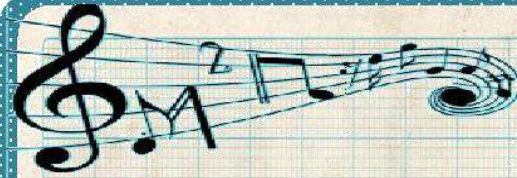


**CLUE:** *If yes then  $G = 4$   
If not then  $J = 4$*



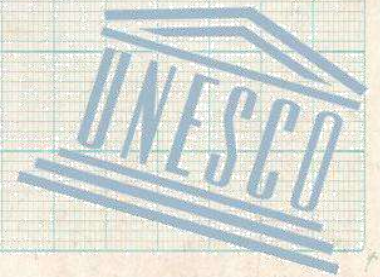
Those dividing parcels of land on the Stari Grad Plain, one of Croatia's seven *UNESCO World Heritage Sites*, were built as early as the 4th century BC on the popular island of Hvar.

That parts of land divided into 24 plots for growing grapes and olives have remained practically intact and since then, and the plain has been used continuously for the past 2400 years.



*DIVIDED IN  
QUADRILATERAL SHAPES  
FOR PRODUCING  
EXTRAORDINARY GRAPES*

*THE QUALITY OF OLIVE  
OIL ON THIS LAND  
IS UNBELIEVABLE TO  
UNDERSTAND*



**CRIME PLACE:**

**STARI GRAD PROCESSION**

**CRIME SCENE - DO NOT CROSS**

After mass on Maundy Thursday before the Christian holiday of Easter, each of the six villages on the Dalmatian island of Hvar in southern Croatia sends out a group that will proceed through the other villages in a circle, covering twenty-five kilometres in eight hours before returning home. A long-established and inalienable part of Hvar religious and cultural identity, the procession connects the communities of the island to each other and to the world Catholic community.



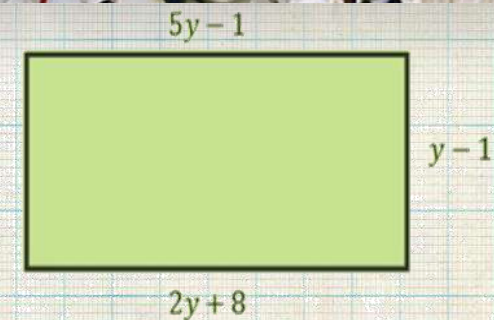
**CRIME TASK:**

**FIND THE Y**




Evil Number was very angry-so he decided to move old walls so people can no longer decide where to go with a cross.

Help them to find dimensions of this quadrilateral.

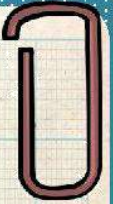


**CLUE:**  $M = 25 * y$



A falkusa is a traditional fishing boat used by fishermen from the town of Komiza on the Adriatic island of Vis, Croatia. Falkuša is a subtype of gajeta, a traditional Dalmatian fishing sailboat.

Under the patronage of UNESCO, a replica of the oldest preserved fishing boat on the Mediterranean was built. In city Rovinj there is a famous museum of old ships under UNESCO protection---batana Rovinj.



**YOU NEVER GET AN OUTLINE**

**WHAT I HAVE ON MY OWN**

**MIND**

**THIS FAMOUS OLD CROATIAN  
BOAT**

**I DONT WANT TO PROMOTE**

**I'M READY TO REPLACE THE  
SAIL**

**TO JOURNALIST YOU SHOULD**

**SEND A MAIL**

**BUAHAAHAH**



CRIME PLACE:

*ISLAND VIS-KOMIŽA*

**CRIME SCENE - DO NOT CROSS**



The island of Vis, about 2420 years old at Evil Numbers destination, has become a world-renowned ship. It represented Croatia at the world's 180th EXPO 98 exhibition in Lisbon. Between three and a half thousand ships from all around the world, our ship was chosen as one of the ten most historic ships to make a documentary.

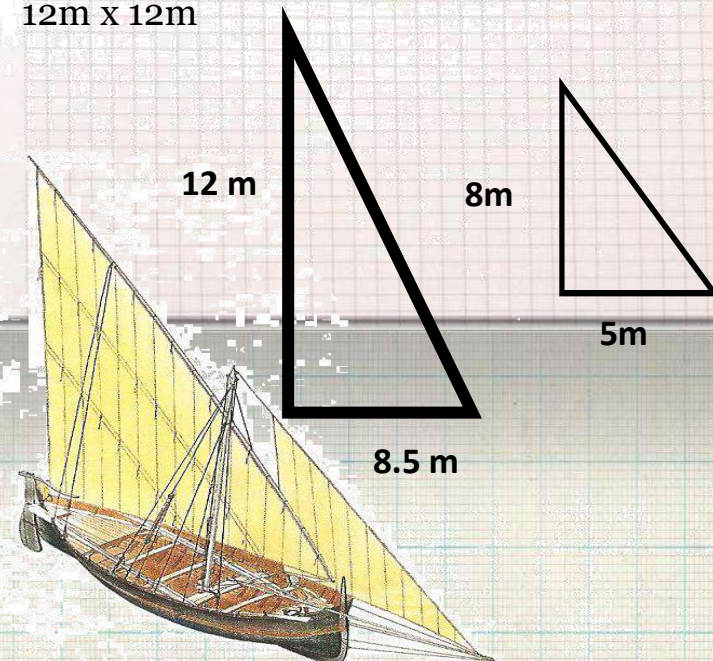


CRIME TASK:

*FIND FAKE SAIL*



Evil Number replaced the sails-help the mathematicians to find out the area of material to make two new sails. We have material with dimensions 12m x 12m



*CLUE: S = area of material that is not used for sails*

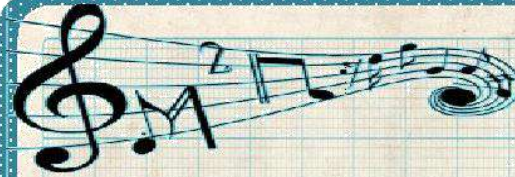




In 555, two brothers from China succeeded in exporting the egg of the silkworm to the Byzantine Emperor. Silk is animal fiber produced by silkworm that is fed on oak tree.

- About one kilometer of silk fiber is obtained from one egg
- Produce at least 35,000 tons of raw silk every year in Croatia
- 1/2kg of silk contains about 1600 kilometers of fiber

Croatia annually produces 120,000 tie Today, around 120,000 tons of silk per year are produced annually in the world. "By the time of the First World War, Croatia was the third country in Europe to produce silk



**FOR HIMSELF, WHO HAS  
RESPECT  
OF SILK HE BUYS THE TIE  
FOR THE EFFECT  
IT COSTS A LOT  
BECAUSE OF MATERIAL SOFT  
EMPRESS HSI LING SHI  
WAS HIDING THEM AT THE  
TREE  
IN THE 5 TH CENTURY  
CHINESE SECRET HAS BEEN  
STOLEN  
WHILE IN BAMBOO HIDING  
RECEPIE FOR SILK MAKING  
IN EUROPE WAS RIDING**

CRIME PLACE:

*KONAVLE*

**CRIME SCENE - DO NOT CROSS**



PANIC - Dudov silk DISAPPEARED as well as after the Homeland War when many costumes decorated with silk embroidery were burnt and destroyed, and silkworms were no longer in these areas.

To completely remove the natural resin, the silk is soaked in a soap solution and thus actually loses about 30% of the natural weight.



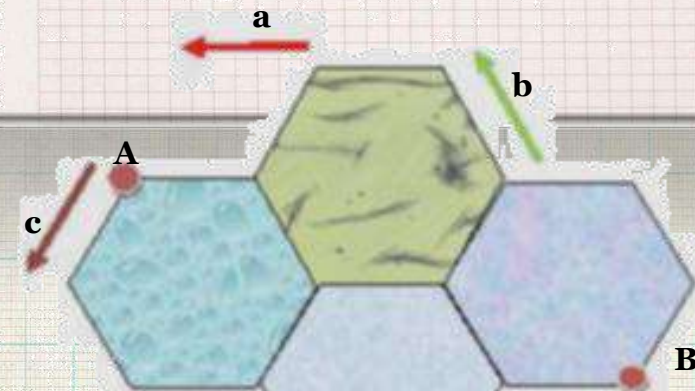
CRIME TASK:

*FIND A PATH*



This babies are confused -it's not clear why-we can only give them instructions how to get out from point B to point A, because the tie is on hold – agents already wait in position.

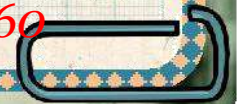
Determine which combination of vectors will expel the worms from point B to point A. Select the shortest path.



*CLUE: If answer is  $3a+2b$  then*

*$T=60$*

*If answer is  $3a+c$  then  $K= 60$*







Sinjska alka is 300 years old knights tournament annually taking place in Sinj. Each year in gratitude to Holy Mother for help in famous battle in which 700 CROATS triumphed over 60000 turkish soldiers. Alkar, a rider on a horesback, has to run the race course of 160 in a full speed (12 seconds time is tolerated) trying to aim with a spear the center of a small iron circle called alka. It was recognized by *UNESCO and it is on the Representative List of the Intangible Cultural Heritage of Humanity*; but for Croats it is a symbol of freedom.



MANY CENTURIES OF COURSE

ALKA IS RUNNING ON A  
HORSE

IN THREE, TWO AND ONE-  
POINT NEEDS TO BE DONE

I HAVE A NEW CIRCLES

YOU READ CAREFULLY THIS  
PARTICLES

THREE TWO AND ONE POINT

WE WIL NOT COUNT

BECAUSE OF NEW AMOUNT

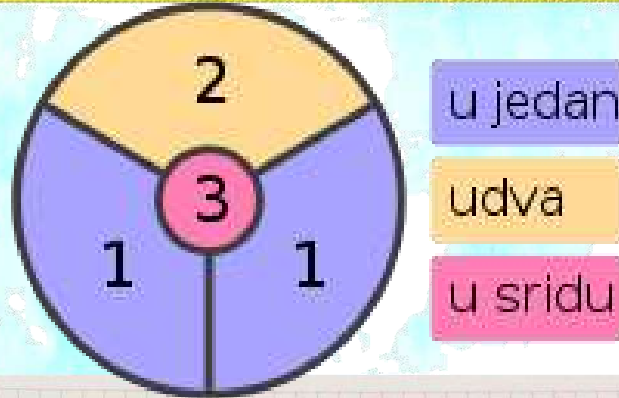
IN ESSENCE OF A BETTER  
INVENTION

LET IT ALL TOGETHER  
WORTH 1, WE SHOULD  
MENTION

CRIME PLACE:

*SINJ-ALKA*

**CRIME SCENE - DO NOT CROSS**



It is made of two rings: smaller one diameter of 3,51 cm, and larger diameter of 13,1 cm. The rings are connected to the three arms which divide the outer circle into three equal fields.

The height of the alka is 3,32 m, measured from its center to the ground. Alkar needs to be expert in handling the spear and horse, but also needs to have a sharp eye. Every aim in the "center" is celebrated by brass band and the shooting from the old cannon.

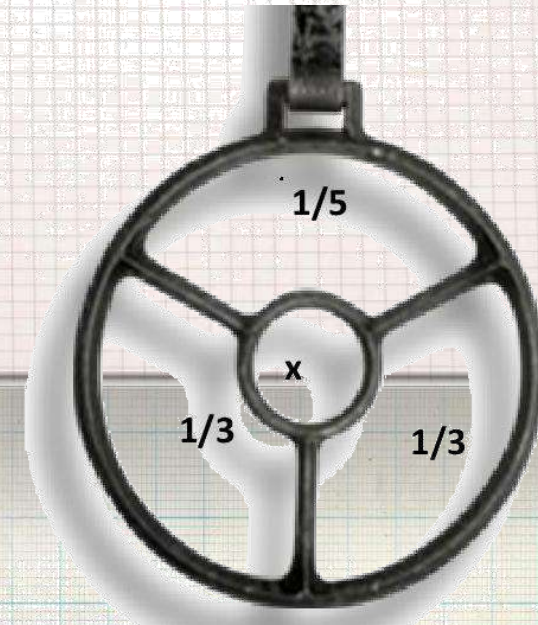


CRIME TASK:

*UNKNOWN X=?*



Mathematics is also needed if we know that the sum of all four fields equals 1 determine the value of the unknown size.



**CLUE:**  $A = x * 150$



The tradition of making a bidder begins in the Middle Ages, especially in the 16th and 17th centuries, when a large number of European monasteries prepared richly decorated cookies. These products are being sold at fairs and celebrations related to church feasts. This tradition of making a bid is listed on *UNESCO's list of non-material world heritage in Europe.*



**MAKING  
WOODEN TOYS AND GINGER  
HEARTS  
OF THE TOP STUFF  
COMPLETELY BRANCHED  
LICITAR HEARTS  
ON THE UNESCO DOOR  
FROM LONG TIME BEFORE  
FROM THE 13TH CENTURY  
RECIPE IS HIDDEN TREASURY**



CRIME PLACE: *MARIJA BISTRICA*

**CRIME SCENE - DO NOT CROSS**

**15 PIECES**

Dough

1 dl of water

16.5 dg of sugar

33 dag soft flour

1/3 Baking Powder Bags

Glaze

1 dl of water

4 dg of gelatin in the leaflets

1 vial of red food

For painting

1.5 dag of gelatin in leaflets

1/2 dl of water

1 tsp of fruit syrup (any)

7 dg of starch flour

at the wish of purchasing ornaments

a pinpoint

• 5 grams of secret ingredient



CRIME TASK: *RECEPY FOR 300 PIECES*

The lady in charge of the celebration has a 40 dag of secret ingredient. Is that enough?

It is expected to hit ginger hurts, help rebuild the recipe to be enough for 300 pieces.

**CLUE:**

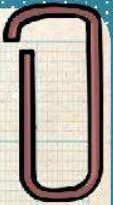
*$N = \text{amount of secret ingredient for 300 pieces}$*



The famous Christopher Columbus had confidence in the skilled sailors of this region. It is most likely that Moreška and Kumpanija were danced on his ship.

Moreška is a traditional knight game with swords. Once played throughout the Mediterranean, and has been preserved for more than 400 years only on the island of Korčula.

The Romantic Battle Dance was created in the 12th century on the Mediterranean, and in Korčula it came from the 16th century from Spain.



**THIS YEAR THE SHARK SHAKE  
WILL BE A REAL MISTAKE  
WHITE KING  
WILL BE IN BATTLE RING  
YOU ARE CLEAR TO KORČULA  
PLACE  
HAS MANNY FAMOUS OLD  
DANCE  
THE GOAL IS STILL UNCLEAR  
WILL BE THIS YEAR  
I WILL MAKE YOUR LIFE  
MISERABLE  
WITH DAMCE SO IRRITABLE  
IT IS MY PASSION  
I DONT HAVE FOR YOU  
COMPASSION**



CRIME PLACE:

KORČULA

CRIME SCENE - DO NOT CROSS

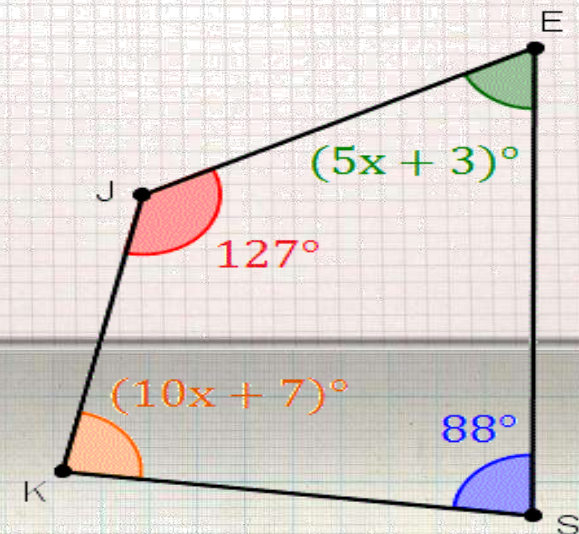


The White King is trying to restore his beloved. The dance ends with his loved one in his hands and his triumph, in addition to victory, it is also the victory of good and love.

CRIME TASK:

SAVE LIFE TO WHITE KING

The blue and green triangles are equilateral  
If both unknown angles are less than  $90^\circ$ ,  
there is no fear for the white king-



CLUES:

$$P = x + 75$$



With the graceful performance of the beautiful Lipizzaner in the quadruple at the opening of the Olympic Games, English Queen Elizabeth II was impressed.

These horses often win the first places in horse racings.

The Lipican horse is known for its noble and solid body structure, its resistance, its modesty and nutrition, its great ability to learn and its willingness to work, and its attachment to man, mild , extremely patient and kind nature.



**OF SO MUCH GRACE**

**I HAVE AN ATTACK ON MY FACE**

**LIPIZANER HORSE**

**STATE OF THE ART**

**COMPLETELY WHITE**

**FOR A LETHAL TOXIN**

**THEY HAVE THE FINISHED  
SOLUTION**

**I'LL SELL ATLEAST HORSES FOUR  
HE WILL NOT WALK GRACEFULLY  
ANYMORE**

**I'LL SELL THE WHEEL  
IT WILL HURT YOU FOR REAL**



CRIME PLACE:

*LIPIK*

**CRIME SCENE - DO NOT CROSS**



These horses provide the best serum for the treatment of poisoning caused by the bite of all European snakes.

**SERUM AGAINST THE SNAKE BITE**

"An adult viper carries up to 40 mg of toxins in his veins, and with one bite, an average amount of 20mg of poison is excreted, which can be a lethal dose for a man.

CRIME TASK: *THE ANTIDOTE DOSE*

Every 20 min dose is reduced by half.

The last dose is 2 ml.

What is the total amount of serum needed for healing. Is there enough?

How long does it take? We have to hurry .... will 2h be enough?

Luckily, the last time I was in Croatia I got the best serum against the horned viper's poison ..... is it also useful for the scorpion bite?

I have only  $\frac{1}{3}$  l - I do not know if this is enough ???

The dose is 2.8 ml of serum at 1kg of weight ....

Our agent has 90kg .... so .....??

*CLUES: if it is enough then  $R = 256$*

*if it is not enough then  $O = 652$*





A winery famous on the wine map of Europe.

Ahead of the world-famous wine show on exports to the USA, Japan and China, Evil Number mixed the labels on exclusive bottles, with *numerous world prizes*.



**TO GET AGENT DRUNKY**

**TO LOOK LIKE A MONKEY**

**IT IS EXCELLENT STUFF**

**TO DRINK ALCOHOL  
ENOUGH**

**FROM ILOK –TRAMINAC  
DESERT VINE**

**IS FAVOURITE OF MINE**

**TOP DRY GRAIN**

**EXCELLENT FOR YOUR  
BRAIN**

**DESERT WINES**

**SINCE ANCIENT TIMES**

**I WILL DO A WEIRD TRICKS**

**AND MAKE BOTTLE MIX**

CRIME PLACE:

*ILOK BASEMENT*

**CRIME SCENE - DO NOT CROSS**



Traminac exclusive wine in three barrels each of 225 liters. The wine is packed in 0.75l bottles.

How many bottles do you have?  
How much wine does our agent need to consume until he checks each bottle, to try one bottle he must drink 0.1 cl of wine?



CRIME TASK:

*FAKE BOTTLES*

Will the bottles open after the tasting again? How Much Alcohol in Blood After Celebrating All Bottles Tasting?  
This celebrated vintage has 14% alcohol  
Our agent has 80kg  
Does our agent think he is still capable of doing this or need an urgent vacation?

**WIDMARCK FORMULA**

$$C = \frac{a \cdot p \cdot 0.79}{100 \cdot k \cdot m}$$

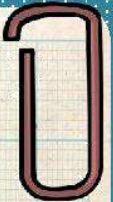
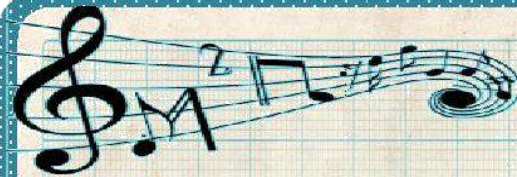
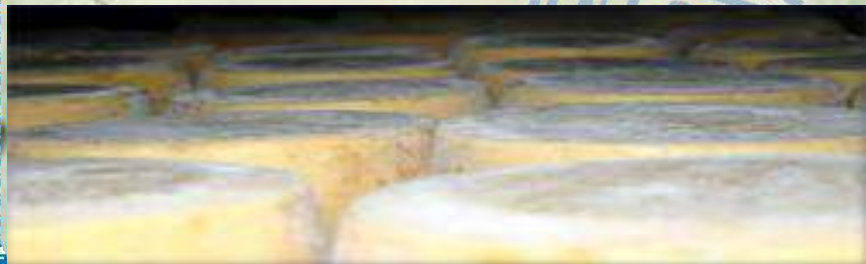
a is the amount of alcohol consumed (ml)  
p is the strength of alcohol in percentages  
m is the mass of the person in (kg)  
k is reduction factor, for women 0.61, man 0.68

**CLUE:  $D = C \cdot 1000$**



The cheese produced on island Pag is exported to the United States and is offered in prestigious restaurants in New York City and in the White House.

The world can not get tired of Pag cheese, the best-selling cheese on the planet (let's not talk about delicacy-poppy lamb).



**ON THE TOP OF MY HEAD IS  
ABOUT  
ISLAND PAG CHEESE STORY  
AND HIS WORLD OF GLORY  
FOR THE SHEEP I DO NOT CARE  
OF THE FAMOUS CHEESE I AM  
AWARE**

**NOT EASY TO CHOOSE  
BETTER CHEESE IS WHOSE  
IN A WHITE HOUSE  
PROBLEM HAS A LITTLE MOUSE**



**CRIME PLACE:**

**PAG-CHEESE FACTORY**

**CRIME SCENE - DO NOT CROSS**



Due to the shortage of salt: is it the end of the flavored cheese that we know of? This cheese is in a serious threat.

The salinity of the cheese ranges from 2-3%, the Pag cheese is about 2.80 kilograms after drying. How many more sheep need to be urgently boosted to satisfy a Washington order which is by 700 tonnes bigger than last year - how much more money would it bring?



**CRIME TASK:**

**BETTER OFFER**



Washington crime torture -which offer is better ???

Although they are willing to allocate a large amount of money for delicacy, they would still like to save ---the White house manager in charge of purchasing the greatest delicacies is in the mood to choose a cheese. The quality is parity, but the price .....

**CHEESE FACTORY PAG**  
the price of 3.2 kg is 735kn  
(- 10% discount)

**CHEESE FACTORY GLIGORA**  
280 kn per kg

**CLUE:  $E = \text{better price amount per kg}(\text{rounded on whole number})$**





Ston salt pans, one of three in Croatia, but the oldest in Europe, whose founding dates to fourteenth century.

Popular destination for eating best mussels and oysters (*Ostrea edulis* i *dagnja* *Muytilus galloprovincialis*).

The most impressive building is the Koruna Fort, perched on a hill above the town. While small in size, Mali Ston is famous for its delicious mussels and oysters that local families have been cultivating here for a century.



## THESE GOOD DAYS

I CAN BE IN SALLTY PLACE

I HAVE AN EXTRA PLAN

DO NOT BE EMOTIONAL

SALT SHORTAGE BOMBASTIC

MY EVIL IS FANTASTIC

IT IS CALLED WHITE GOLD

IT IS BUSSINES SO OLD

COOKED, SEA OR STONE

GREAT FOR EVERYONE

IF IT IS NOT IODIZED

CRIME WILL BE FINALIZED

SO MUCH OF ME

PERHAPPES I CHASE

MATHEMATICAL PHENOMENES



CRIME PLACE:

*STON*

**CRIME SCENE - DO NOT CROSS**



There was a crash in the solana this morning - iodine was missing.

Iodine is usually added to salt in amounts of 25 mg iodine per 1 kg salt to reduce the appearance of drowsiness. The sea salt contains 75 minerals.

The latest modernization of solana allows production of 20,000-30,000 tons per year. The surface of the solana is today 2 500 000 m<sup>2</sup>.



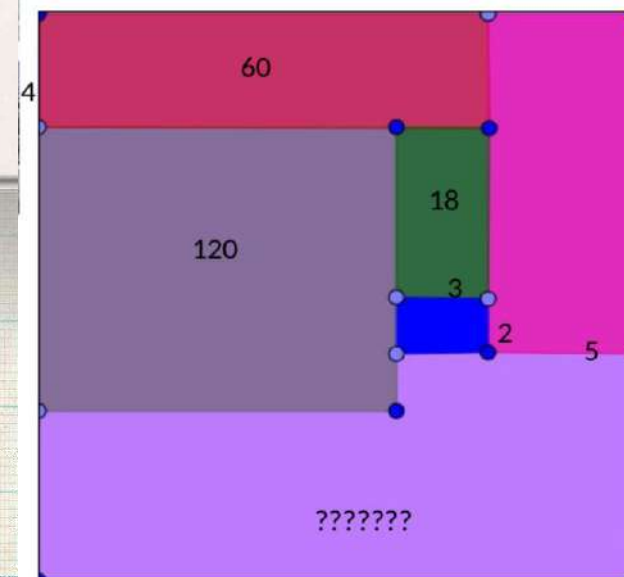
CRIME TASK:

*STOP THE GREED*



Per m<sup>2</sup>, on average, 120 kg of salt per season are obtained. However Evil Number stole the amount of iodine that should be added on this plot. Total plot is square in shape and area of 400m<sup>2</sup>.

What amount of iodine was stolen by the criminal on the parcel covered with?????



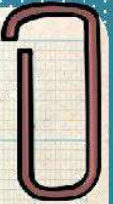
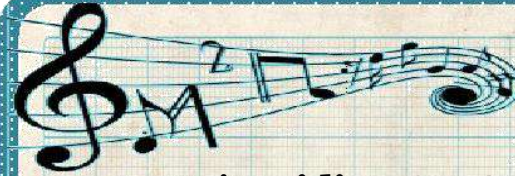
**CLUE: I = Amount of iodine on that area with ????**



The truffle is the supreme delicacy that has been enjoyed by the Mesopotamian rulers 4000 years ago, and it is still one of the most prestigious foodstuffs in world gastronomy.

This intense flavour royal mushroom was known to the ancient Greeks and the Roman emperors, and it was also served at the French court and among the Austro-Hungarian aristocracy.

It is very rare and it grows only in several locations in Europe - in some parts of France and Italy and in Istria, favoured by mild climate, small temperature variations and grey clay soil.



**I'M riding ON A MOTORBIKE  
GOING TO CAUSE AN evil ATTACK  
Wine TERAN AND TRUFFLES  
THEY ARE VERY GOOD FOR  
COUPLES**

**BLACK OR WHITE same parole  
IMPORTANT THAT THEY ARE  
WHOLE**

**CINEMA UNDER THE SKIES  
WILL BE EXCELLENT FOR MY EYES  
A GOOD MOVIE I WILL COME  
ACROSS**

**and FEEL LIKE A BOSS  
FOR A POWERFUL CRIME  
I WILL SHORTEN THE movie time**



CRIME PLACE:

*MOTOVUN*

**CRIME SCENE - DO NOT CROSS**




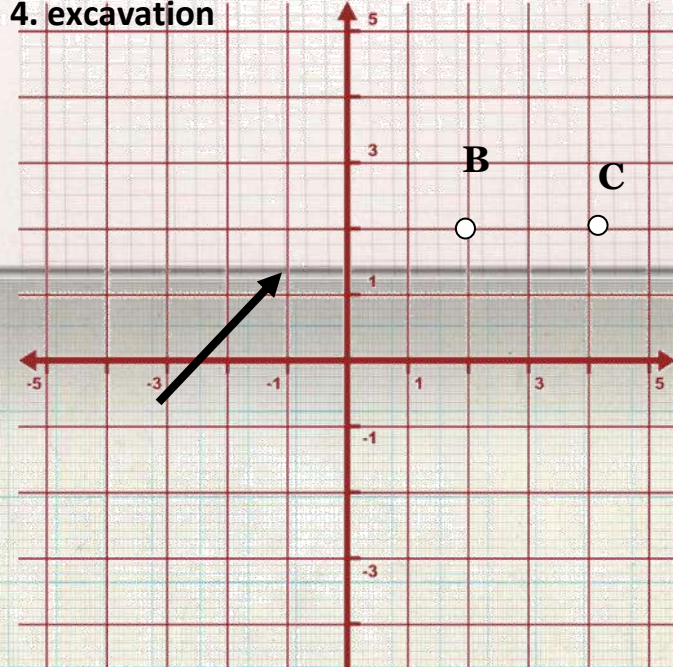
The huge white truffle from Italy, claimed to be the largest in the world, was sold at an auction on Saturday in New York for \$ 61,250 (more than 330,000), as the Sotheby's auction house has announced.

CRIME TASK:

*LOCATE TRUFFLE*

start: A (-4, -4)

1. move once in the direction of 
2. apply an axis symmetry to the axis x
3. Rotate around the point (0,0) TO THE RIGHT for 90 °.
4. excavation



**CLUE:** if answer is point B then  $L = 81$   
If answer is point C then  $Z = 79$





The Mediterranean diet involves a set of skills, knowledge, rituals, symbols and traditions concerning crops, harvesting, fishing, conservation, processing, cooking, and consumption of food.

The Mediterranean diet plays a vital role in cultural spaces, festivals and celebrations, bringing together people of all ages, conditions and social classes.

ZOI - a protected designation of origin for the salted olive oil Association of olive growers of the island of Šolta "GOLD Šoltanka

Inscribed on the Representative List of the *UNESCO INTANGIBLE Cultural Heritage of Humanity.*



**AND NOW ISLAND ŠOLTA PLACE  
THERE WILL BE A NEW CRIME CASE  
OLIVE OIL WONT SURVIVE  
JOURNALISTS WILL NOT ARRIVE  
MEDALS MADE OF GOLD  
YOU WILL NO LONGER HOLD  
YOU WILL NEED PRESSURE MEASURE  
WHEN I CHANGE THE RATIO OF  
PLEASURE  
LEVANTINKA: OBLICA OF THE  
WINNING VARIETY  
FOR THE WORLD EXCUISTE SOCIETY  
I'M GOING TO ADD A VARIETY OF  
LEĆINA  
LET IT BE AT LEAST A THIRD  
VICTORIOUS RATIO CHANGE  
OIL IS IN DANGER  
HIHI**

**CRIME PLACE:**

*SOLTA - OLIVE AND ROGUE*

**CRIME SCENE - DO NOT CROSS**



Šolta is mentioned for the first time in the 4th century BC. The production of lime, specific to Šolta, was replaced by tourism.

This year, the Šolta olive growers were successful: 9 of them competing with their products brought home 6 gold and 2 silver medals

...



**CRIME TASK:**

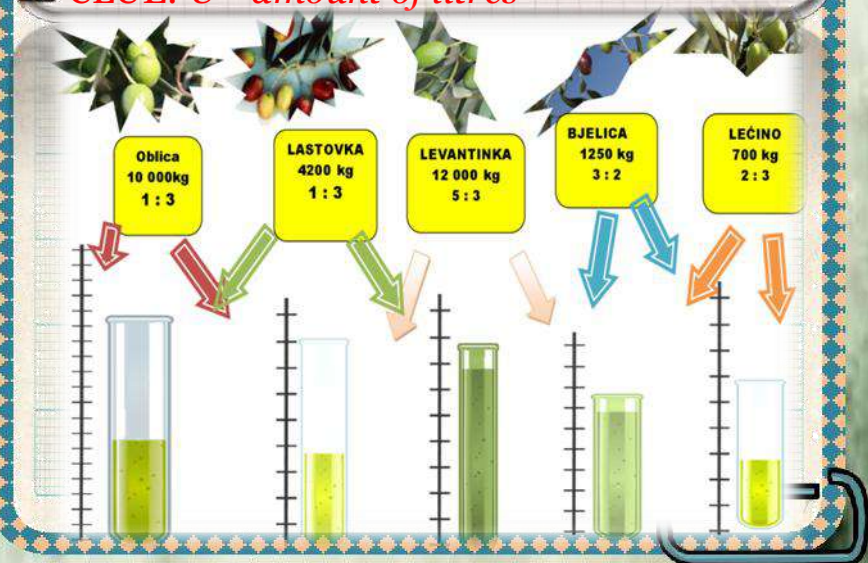
*SAVE THE GOLD MEDAL*



Evil Number has come this morning into factory where olive oil quality competition was held and mixed winner varieties of levantinka but not in the ratio of 50-50 which guarantees victory. Of the olives found in the factory he made a few cocktail oils. There is an average 1 l oil of 6 kg olives.

Is there still those winning types 50-50 - how many liters?

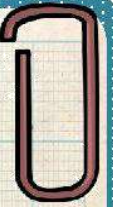
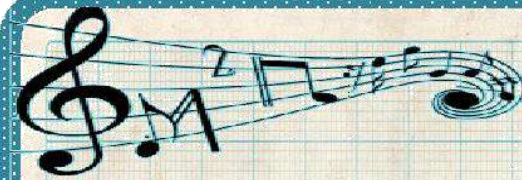
**CLUE:** *U = amount of litres*





Inscribed in 2009 on the Representative *List of the UNESCO Intangible Cultural Heritage of Humanity.*

The Proclamation of Queens is performed by the young girls of the village of Gorjani in the Slavonia region of north-east Croatia every spring.



*THIS OLD TRADITION  
FASCINATED  
EUROPEAN  
COMMISSION*



**CRIME PLACE:**

***THE PROCESSION OF QUEENS***

**CRIME SCENE - DO NOT CROSS**

There are girls from Gorjani village near Dakovo, who in the spring, on the holiday of the ghosts, dressed as queens walk around the village and perform a ritual composed of singing songs and swordsmanship.

The meat is stuffed and pressed into bags made of pork intestine, and formed into links that are usually around ten centimetres in diameter, and up to three times as long, weighing around a kilogram.

to make 5 kg of kulen

5 kg of meat without bones,

10 dg salt, 80 g sweet peppers,

70 g of hot peppers, secret ingredient 5g



**CRIME TASK:**

***KULIN MEAT***



The gourmet feast of Đakovo embroidery is expected to attract at least 2000 guests (1500 adults and 500 children)..

For each person they have to prepare 10 dags of kulen and 15 dags of prosciutto 1 plum brandy about 0.3 l for adults.

The organizer can get the kulen in packs of 2.5kg and prosciutto in a 50 dag package.

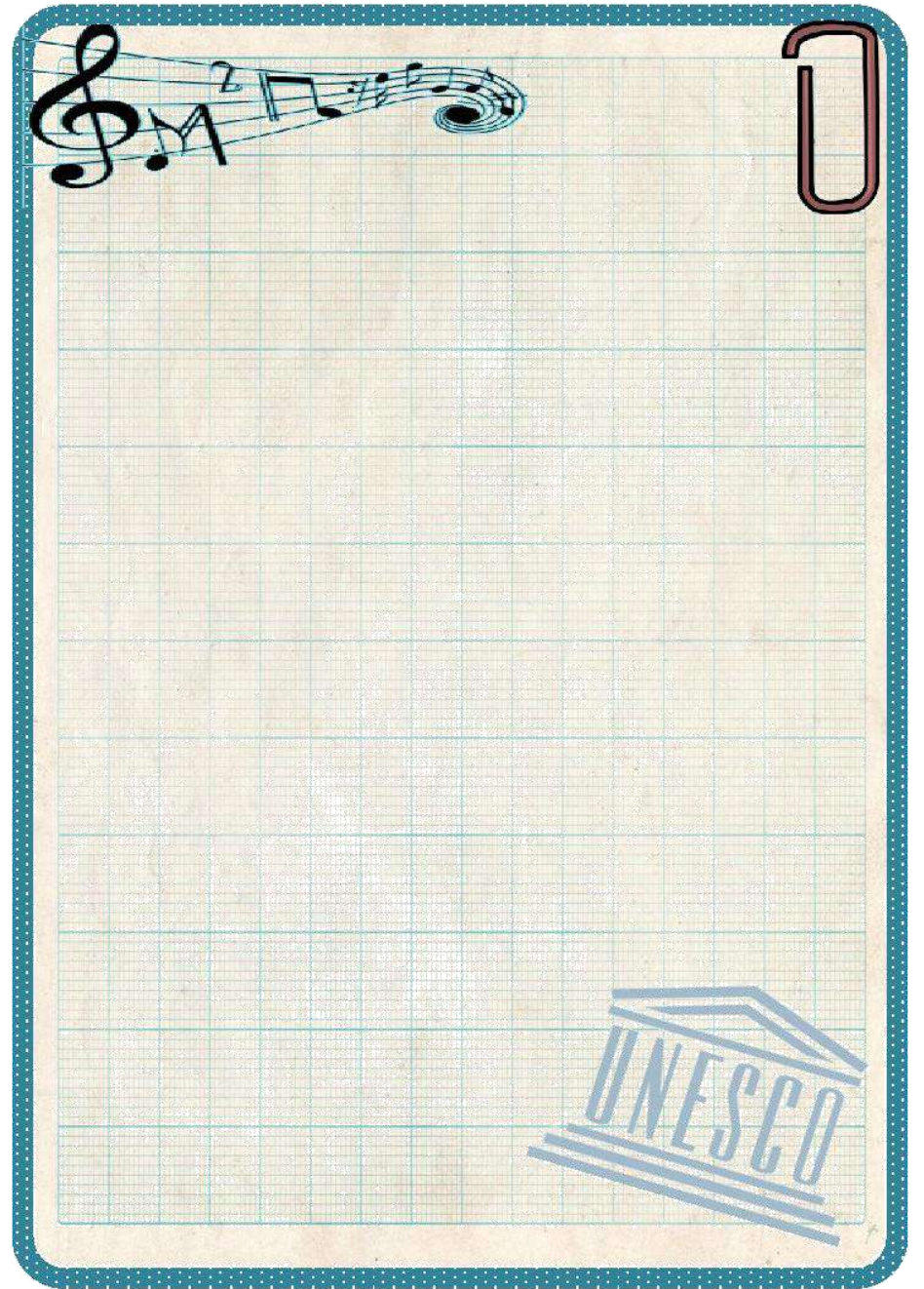


How many packs of kulen and prosciutto do they need?



**CLUE:**  $O = \text{number of packs together}$





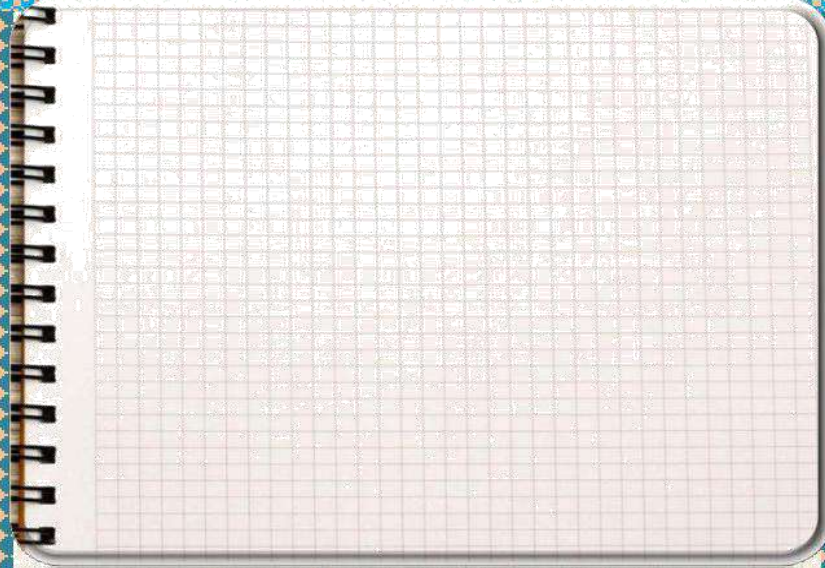
**CRIME PLACE:**



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**CRIME TASK:**



**CLUE: V =**

