

# Maths is around me ... even in Edinburgh



when I do sightseeing, when I relax,  
when I eat, when I meet new people

I'll put on my maths glasses and ...  
I'll show you



MATHS  
in Edinburgh

# This adventure was possible thanks to

Wrocław's International high 5: gotowi na multikulturowość

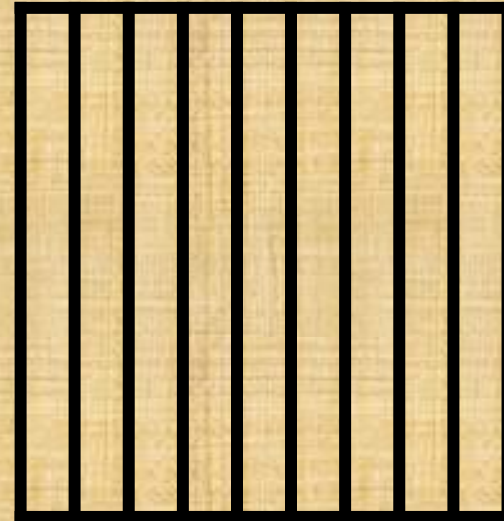


**Fundusze Europejskie**  
Wiedza Edukacja Rozwój

**Unia Europejska**  
Europejski Fundusz Społeczny



# Welcome to my trip to Edinburgh



Exercise 1. How many rectangles can you see in the wicket?

# About one year ago I chose Kaplan International English School to learn English

9 Albyn Pl, Edinburgh

Great Britain



Exercise 2. Give the distance between the school where I work and the school where I learned English in three different units of length.

# I WAS THINKING:

## What type of transport should I choose?



*by bus*



*by plane*



*by car*

Exercise 3. How much did I save if I chose the plane?

# I WAS THINKING:

## Where should I live in Edinburgh?



Private flat



Hostel



Hotel



The Witchery by the Castle



Dormitory

Maybe .....

Exercise 4. How much did I save if I chose the dormitory instead of The Witchery Hotel by the Castle ?



# Every day I went to the old center of Edinburgh



9 Albyn Pl, Edinburgh



Castlehill, Edinburgh

**Exercise 5. How many calories did I lose  
when I was walking there from Monday to  
Friday for two weeks?**



# Me and my favourite teacher in the course ...

His name's Collin



Exercise 6. How much younger  
than me is Collin? 😊😊😊  
(.....maybe older ??!!!)

Hi, hi, hi ....

Do you have the data that you  
need?

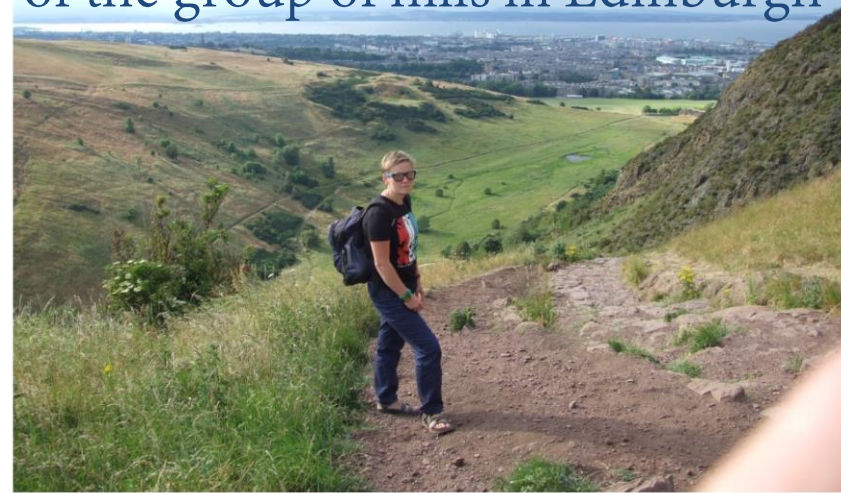
# I climbed Arthur's Seat



The hill rises above the city to a height of 250.5 m



Arthur's Seat is the main peak of the group of hills in Edinburgh



There are beautiful views from this peak

Exercise 7. About how many times higher is Arthur's Seat than Ślęza?

# I phoned Poland, but I didn't use the red telephone



- **Height** – 225 cm
- **Depth** – 100 cm
- **Width** – 120 cm

**Exercise 8.** Change centimeters into the unit of measurement used in England.

**Exercise 9.** Calculate the volume of the red telephone box.

# I sent postcards to my family and to my friends

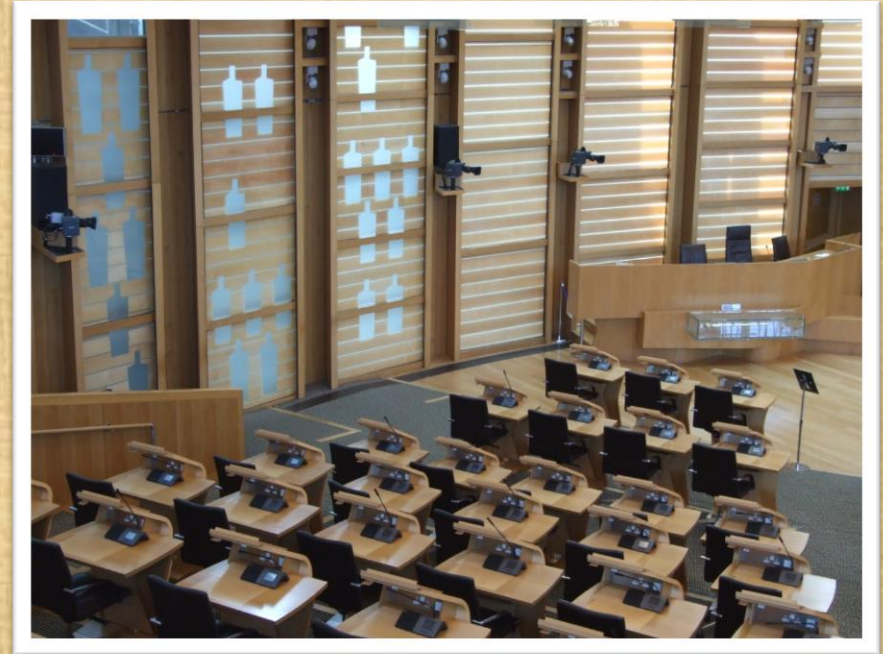


This post box looks like a 3D  
geometric shape.

Exercise 10. What's the name of  
this geometric shape?  
Can you tell something about it?

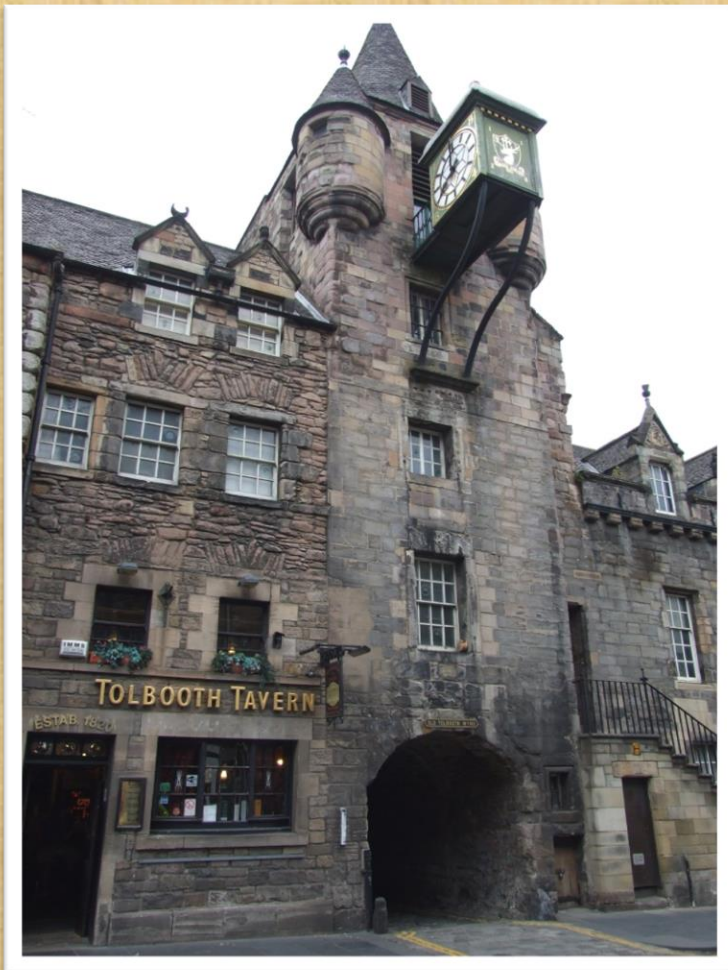
# I visited The Scottish Parliament

The Scottish Parliament is made up of 129 Members of the Scottish Parliament, who are elected by the people of Scotland to represent them.



Exercise 11. What can you say about the number 129?  
Is this an even number or odd number?  
Name the divisors of this number.

# One day I ate supper at the Tolbooth Tavern

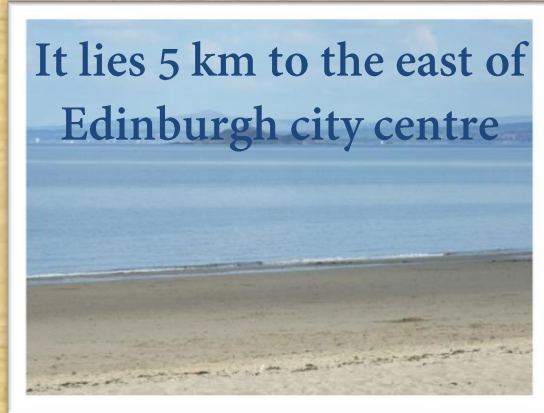


Exercise 12. What angles create  
the hands of the clock?

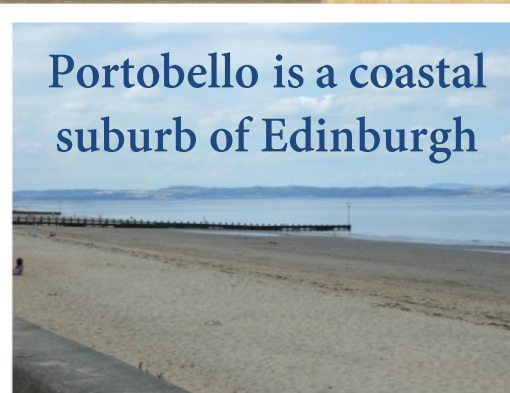
# I spent all day at Portobello beach



It lies 5 km to the east of  
Edinburgh city centre



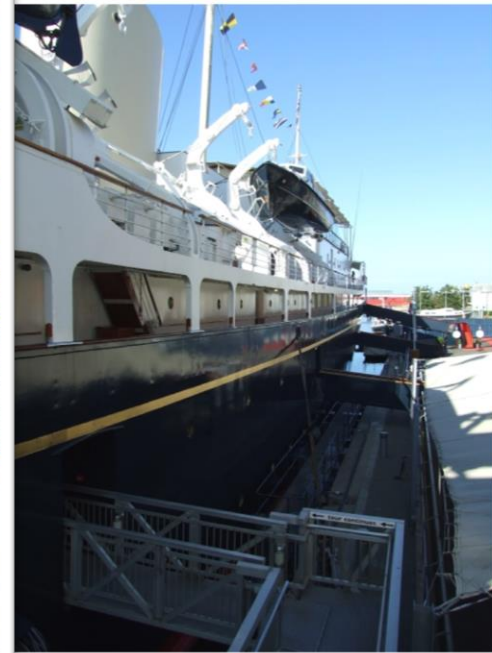
Portobello is a coastal  
suburb of Edinburgh



Exercise 13. The cyclist moves at  
medium speed of 25 kilometers per  
hour. How long will it take to ride a  
bicycle from the centre of Edinburgh to  
Portobello and back?



# I visited The Royal Yacht Britannia



Since opening to the public on 20 October 1998, Britannia normally attracts between 350,000 and 400,000 visitors per annum.



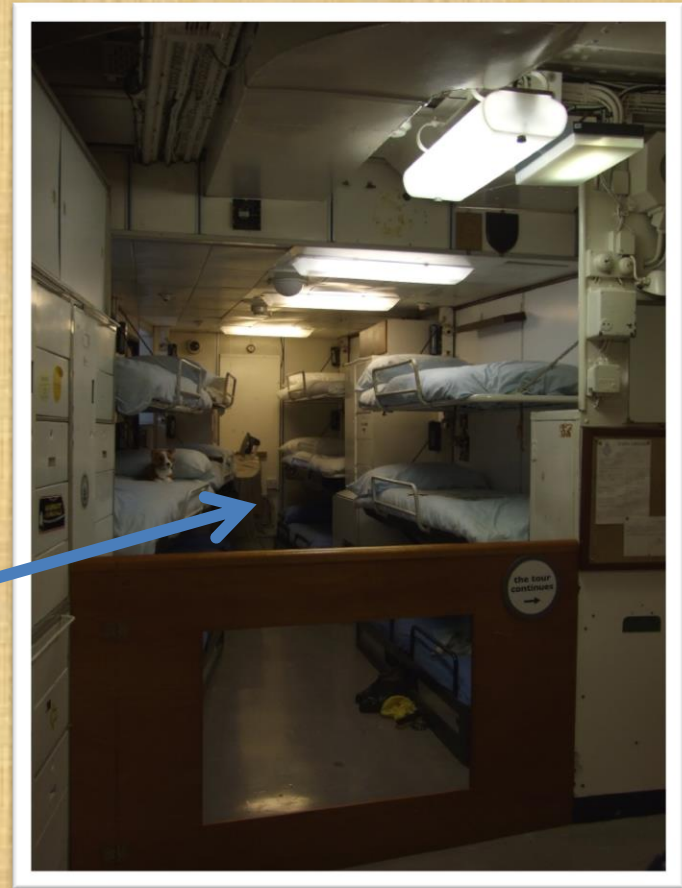
Exercise 14. Calculate how many visitors Britannia attracts on average per day.



# I saw Sailor cabins on the Yacht Britannia



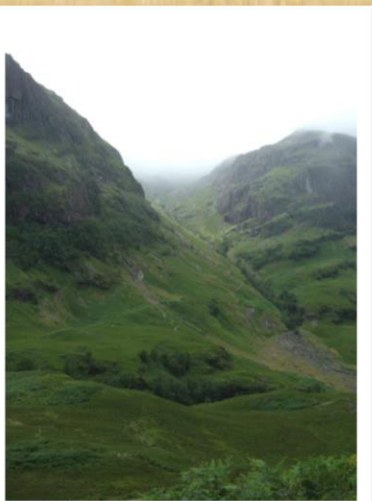
**SIX PEOPLE'S  
CABIN**



**TWENTY  
PEOPLE'S  
CABIN**

**Exercise 15. How many bunks do ninety sleepy sailors need? How many six people's cabins and how many twenty people's cabins? Show all possibilities.**

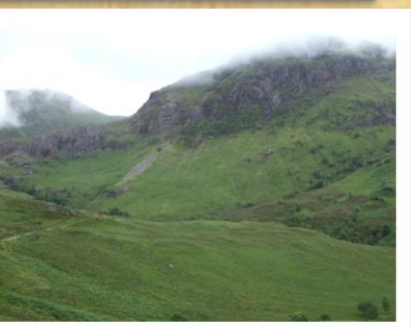
# I was on a trip to Highlands



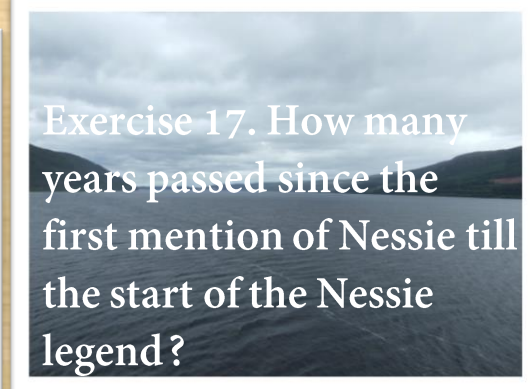
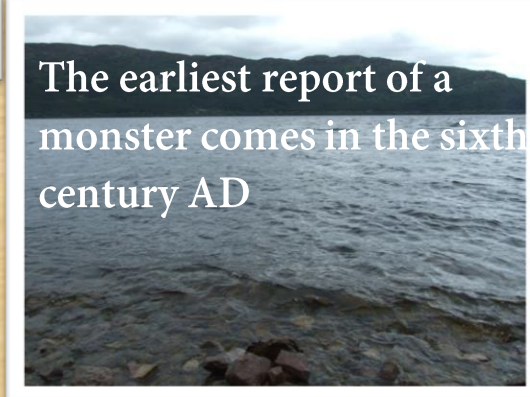
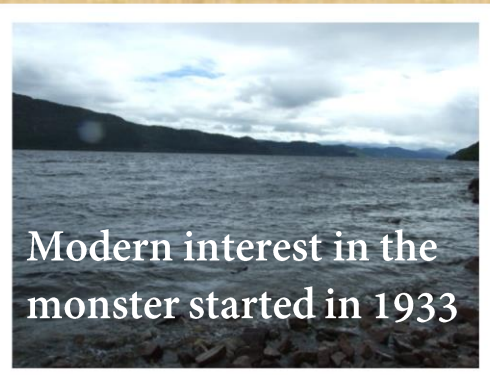
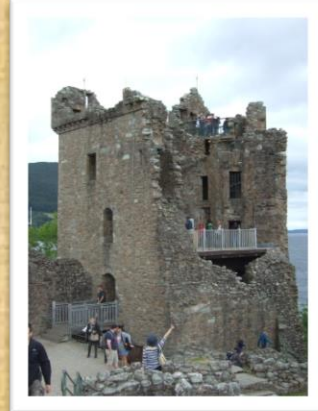
The highest peak of Scotland is Ben Nevis (on Scottish Highlands)- 1345 metres above sea level.

The lowest point in Scotland is Holme Fen ( in Fenland) - around 2.75 metres below sea level.

**Exercise 16. What's the difference in height between the highest and lowest point in Scotland?**

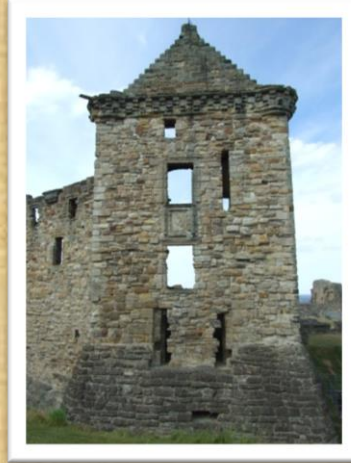


# I was looking for Neesie when I visited Loch Ness

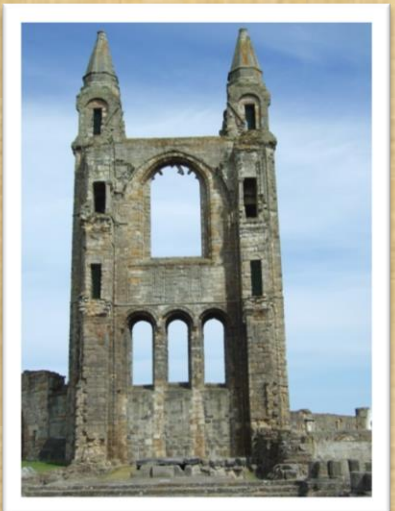


# I visited the University city

## - Saint Andrews



The University of St Andrews which is the third oldest English-speaking university and the oldest university in Scotland was founded between 1410 and 1413.



**Exercise 18. In which century was this University created?**

# Hmm ... It's time to take off the maths glasses



Thank you for your attention

If you do most of these exercises,  
you will get a surprise.

I am the author of the used photos.  
Urszula Karbowska