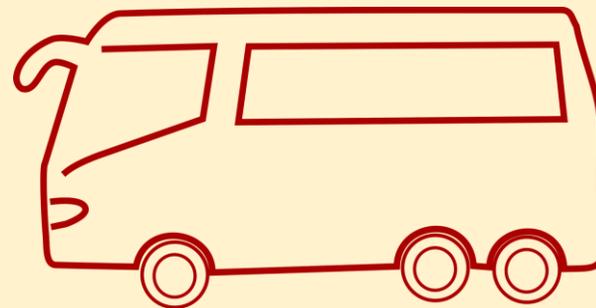
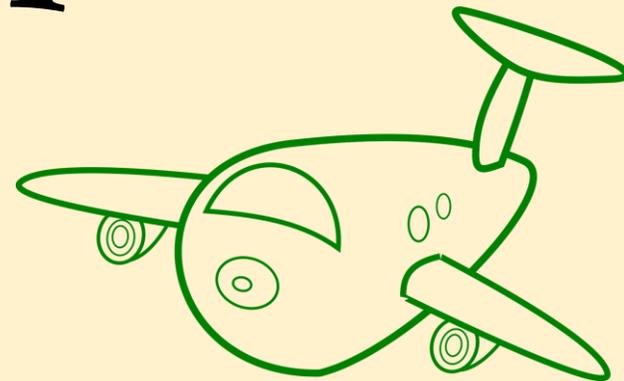
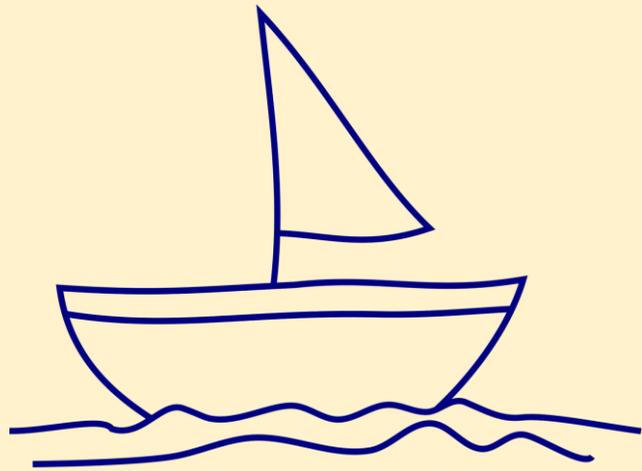
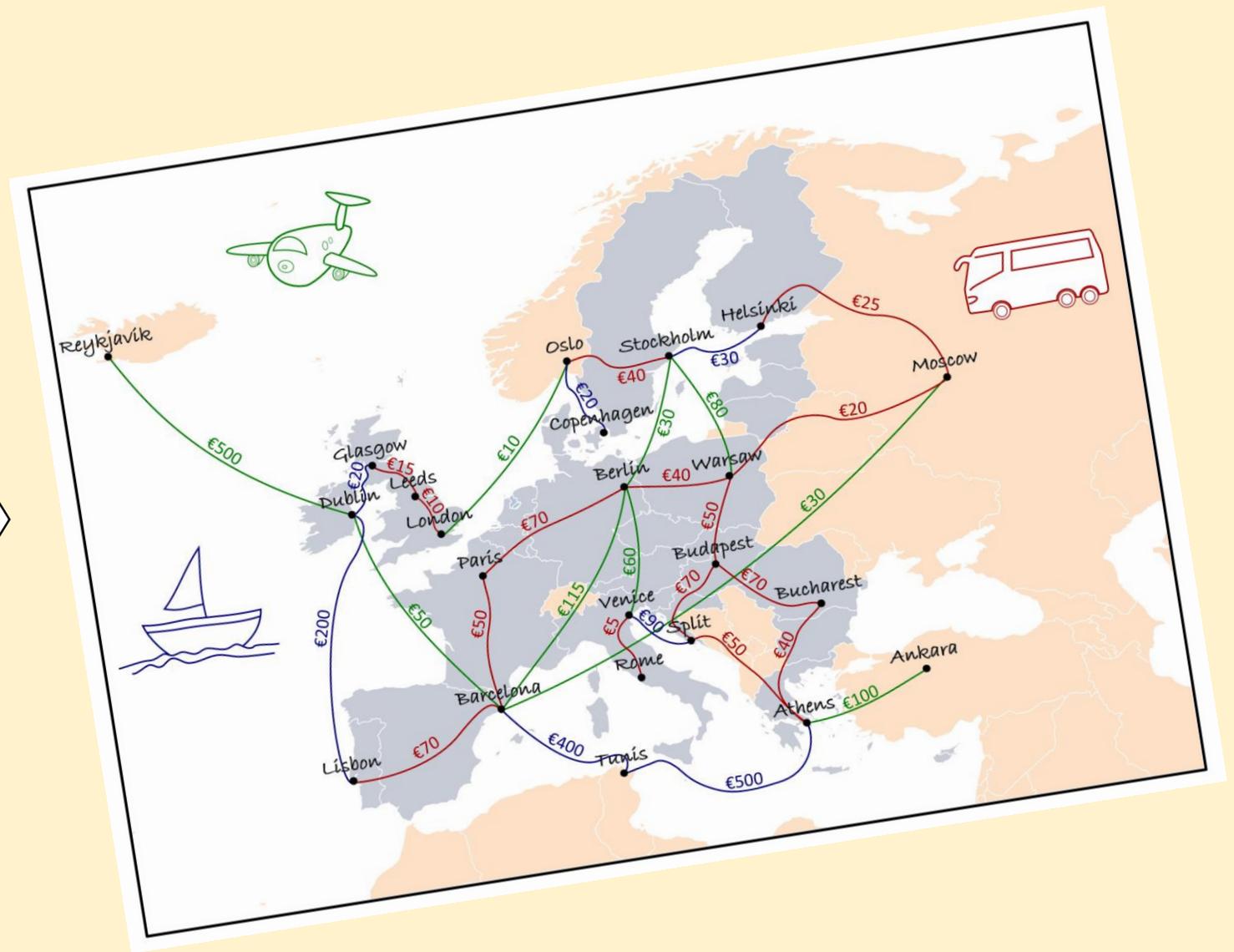


PLANNING A TRIP



Do you have a larger version of this map?
If you do, then you are ready to start this game!



RULES

- The map you have shows a network of cities.
 - These cities are connected by lines if you can travel from one place to another. By rules of the game, **you can't travel outside the lines.**
 - Lines have different colours corresponding to **different modes of transport:**
 - **Red** for a BUS
 - **Green** for a PLANE
 - **Blue** for a SHIP
-   
- Above each line, there is a **price of the trip** (in one direction). Remember that you usually want to spend as little money as possible!
 - You can travel in both directions and the price is the same.
For example, you can make a trip: Lisbon → Barcelona and then later Barcelona → Lisbon and you will pay in total €140 = €70 + €70

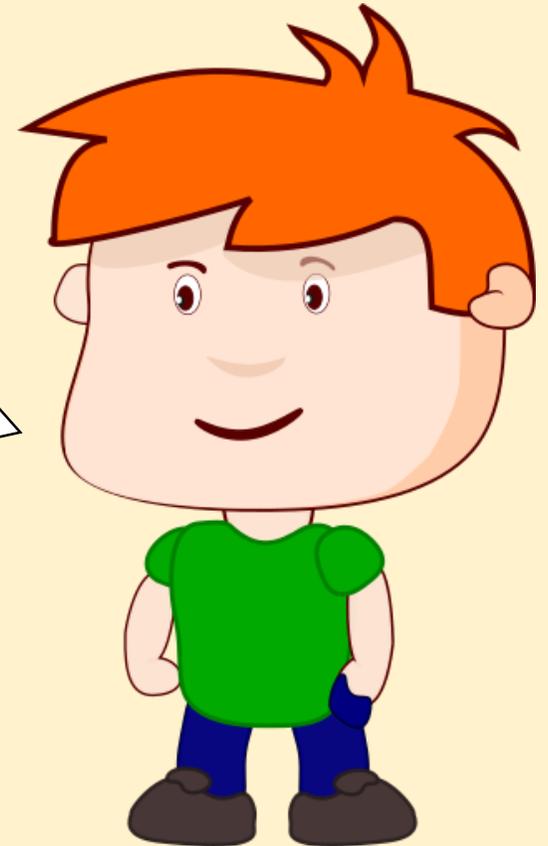
An example

- Let's plan one short trip together.
- We will start from Oslo. Find Oslo on the map!
First, we will take a bus to Stockholm for €40. Then we will get on the ship to Helsinki for €30. A bus will take us from Helsinki to Moscow for additional €25. Lastly, we will take a plane to Barcelona for €30.
- Our trip was
Oslo → Stockholm → Helsinki → Moscow → Barcelona
and we spent $€40 + €30 + €25 + €30 = €125$ in total
- We hope you will enjoy this game and good luck!
Solutions are at the end so you can check your answers.

- Find Leeds on the map!
IMforFUTURE project is based in Leeds so we have to often travel there to share our research with our colleagues.
- Recently we organised a scientific children workshop in Croatia. This game was also a part of it. After all the fun activities in Croatia, we travelled back to Leeds. Can you help us find the cheapest way to travel from Split (Croatia) to Leeds (the UK) using the map?



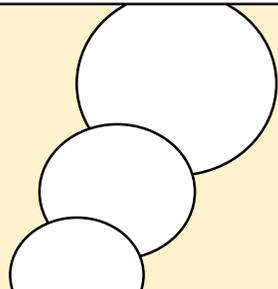
- Conor lives in Dublin and he wants to go on holiday to Athens. He really wants to see the Acropolis of Athens, but he is scared of flying. Can you help him plan the least expensive trip from London to Athens without using an aeroplane?
- Do you see which city he could never reach without using an aeroplane?



- Do you recognise what the grey-coloured countries represent?
- Marika was on holiday in Barcelona. It was a great trip, but she lost her passport and is left with only her European identity card.
- Can you help her to get back home to Warsaw without leaving the EU? Find the cheapest way since she already spent a lot in Barcelona.



- Let's plan a trip for ourselves!
- Imagine you got money from your grandparents. They gave you €750 to spend on your travelling and they will pay for all other expenses (accommodation, food, ...)
- Plan yourself a trip starting from Split. But be careful to come back to Split before you run out of the money.
- Do you have some money left? How much? How would you spend it?



SOLUTIONS

Solutions

1. The cheapest trip from Split to Leeds is:
Split → Venice → Berlin → Stockholm → Oslo → London → Leeds (price: €240)
2. The cheapest trip from Dublin to Athens without flying is:
Dublin → Lisbon → Barcelona → Paris → Berlin → Warsaw → Budapest →
→ Bucharest → Athens (price: €590)
Conor can't reach Reykjavik without using a plane.
3. The grey-coloured countries represent the Europe Union.
The cheapest trip from Barcelona to Warsaw without leaving the EU borders is:
Barcelona → Berlin → Warsaw (price: €155)
4. The last task does not have only one good solution.

We hope you enjoyed the game!