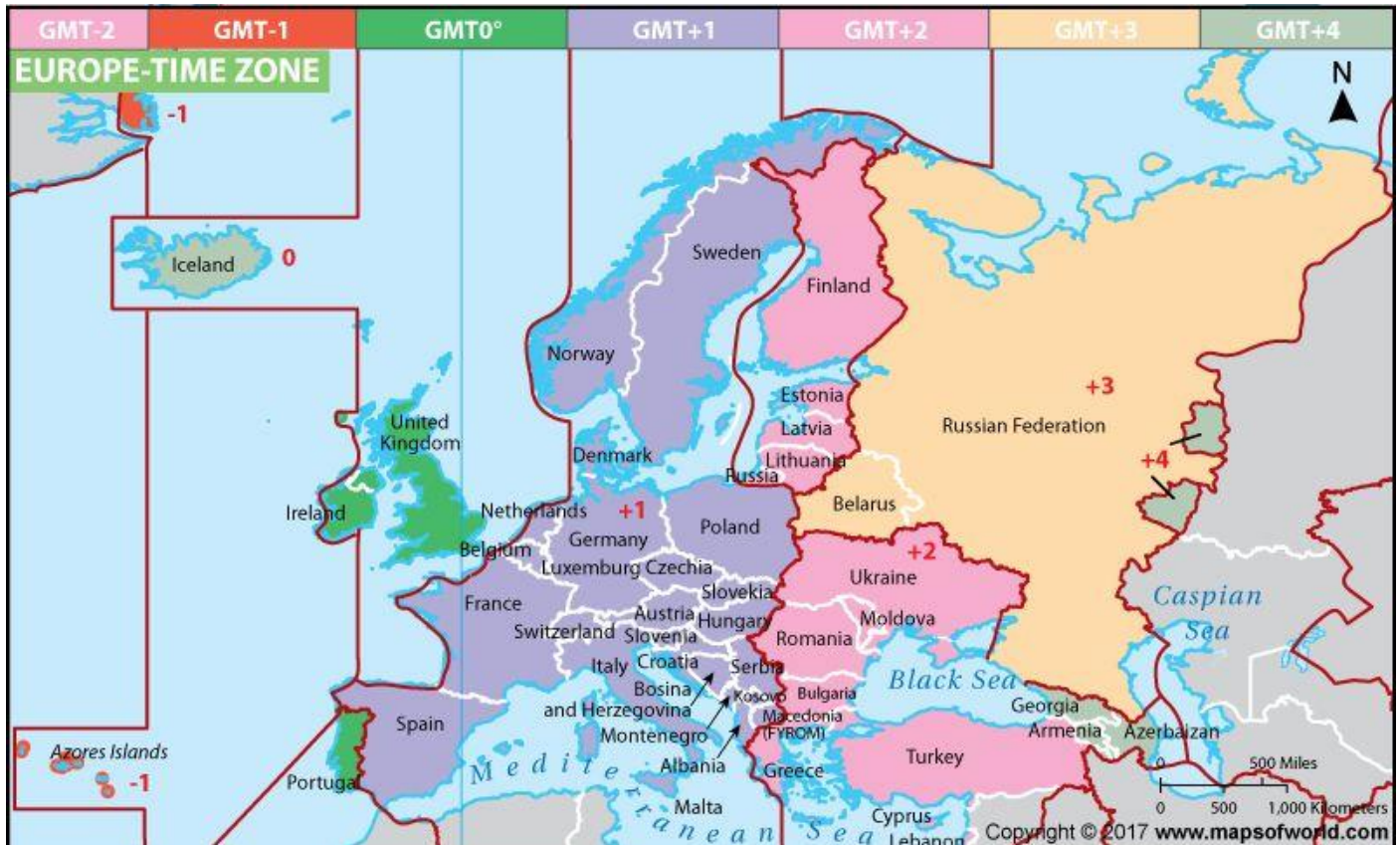


## European Time Zone Challenge

A time zone is an area on Earth that has a specific time that all people can set their clocks to. Different places on Earth have different time zones. They exist because the earth is round, and they allow everyone to have sunrise in the early morning and sunset at night.

The time zone in the UK is called **GMT** (Greenwich Mean Time) – every other time zone is either ahead or behind this time. France is in the time zone **GMT+1**, this means that France is an hour **ahead** of us. For example, if it was 10am in the UK it would be 11am in France.



Look at the time zones shown in the map of Europe. The map is colour coded to show whether a country is GMT+1, +2, +3 or +4. Use the map to answer these questions:

1. If the time in the UK is 8:30am, what would the time in Romania be?
2. What time zone is Belarus in?
3. If the time in Poland is 3:45pm, what would the time in Finland be?
4. If it is 8:32am in the Russian Federation, what time is it in Ireland?
5. What time zone is Portugal in?
6. If the time in Latvia is 3:31pm, what would the time in Switzerland be?

### Challenge questions!

7. I take a flight that sets off from London at 9:15am. The flight takes 3 hours to reach Berlin in Germany. What is the time in Germany when I arrive?
8. I leave Paris at 4:30pm and travel on the Eurostar train to London. When I arrive in London, the local time is 6:20pm. How long did the journey take?