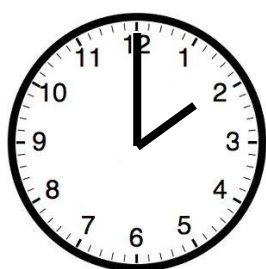


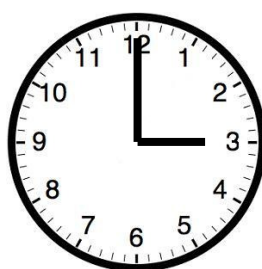
## TIME ZONES

Slovakia is situated in the time zone labeled UTC+1. It means that the time is put one hour forward to the basic time zone UTC (where e.g. London is situated). If it is 14:00 in UTC zone than it is 15:00 in UTC+1 zone.

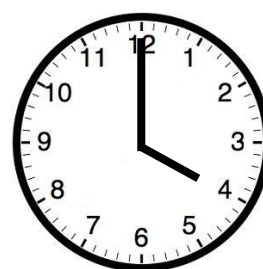
Summer time (ST) is used in Slovakia in summer. It is put one hour forward to the basic time zone. It means that if in the UTC zone it is 14:00 then in the period of winter time (WT) it is 15:00 and in the summer time it is 16:00 ST in Slovakia.



*basic time zone  
UTC*



*time zone UTC+1  
winter time*



*time zone UTC+1  
summer time*

Peru is situated in the UTC-5 time zone and different winter and summer times are not used.

**Excercise 1:** What time is it in Peru, if it is:

- a) 12:00
- b) 4:30
- c) 0:15?                      in the basic time zone?

Answer: It is:

a) ..... b) ..... c) ..... in Peru.

**Excercise 2:** What is the label of the time zone in which it is 23:15 when in the basic time zone it is 6:15 ?

Answer: This time zone is labeled .....

**Excercise 3:** What time is it in Peru if it is:

- a) 13:20 WT    b) 4:35 WT    c) 14:15 ST    d) 3:20 ST    in Bratislava?

Answer: It is:

a)..... b) ..... c) ..... d) ..... in Peru.

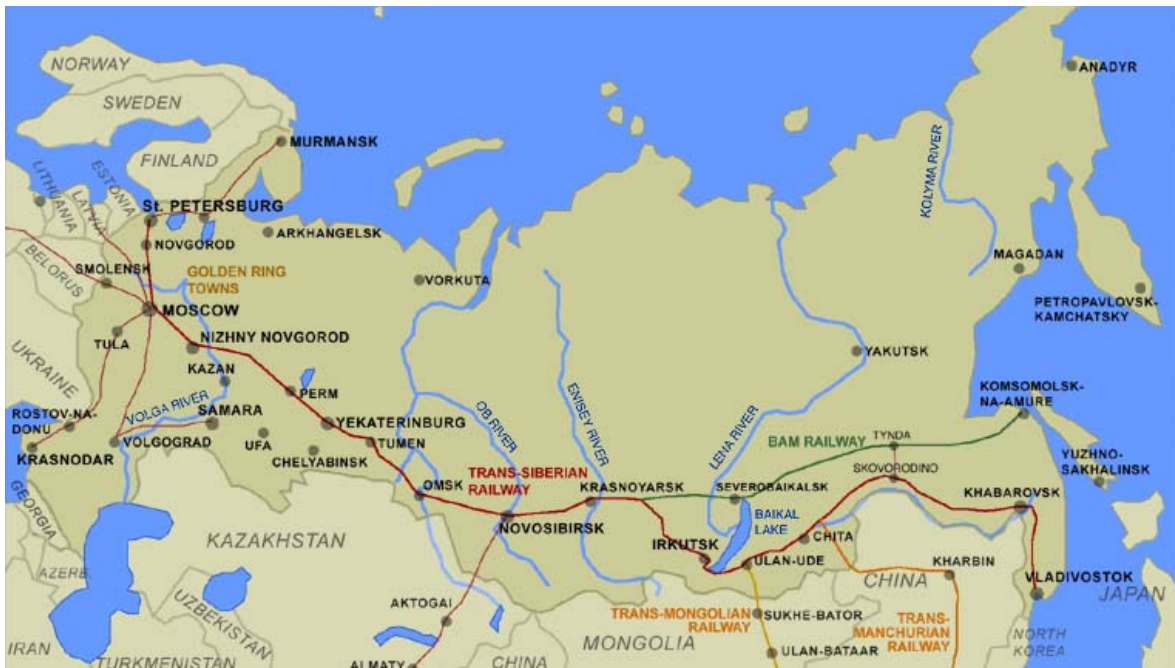
Moscow is situated in the time zone labeled UTC+3, Vladivostok in the zone UTC+10. Both these cities are situated in Russia which uses winter and summer times as Slovakia does.

**Excercise 4:** Express train journey from Bratislava to Moscow lasted 41 hours in the past times. The train was leaving Bratislava at 10:00 p.m. At what local time was it supposed to arrive to Moscow? Write down your calculation.

Calculation:



**Excercise 5:** According to the timetable the journey Moscow-Vladivostok takes 148 hours and 47 minutes. If a train leaves Mocsow on the 17th of June at 21:20 when should it arrive to Vladivostok? Indicate the date and hour of the local time. Write down your calculation.



(source: <http://www.waytorussia.net/TransSiberian> )

Calculation:

Answer: The train should arrive to Vladivostok on ..... at ..... o'clock.

**Excercise 6:** The train from Moscow to Vladivostok left Moscow on the 20th of June at 23:53. It arrived to Novosibirsk, which lies in UTC+6 time zone, on the 23rd of June at 00:45 local time. How many hours did the train journey last? Write down your calculation.

Calculation:

Answer: The train journey from Moscow to Novosibirsk lasted .....hours and ..... minutes.

