

Exercises with the Bottle-Planetarium

Situation 1: You are in Switzerland, it is the 21st of September, Jupiter is located in the Gemini, Venus in the Libra.

When and where rises Jupiter?

When and where rises the Sun?

When and where rises Venus?

Which constellation can you see at midnight to the South, quite high above the horizon?

Which constellations are rising at midnight?

Which constellations are setting at midnight?

Is it possible to spot Jupiter?

Is it possible to spot Venus?

Is Venus morning-star or is it evening-star?

Situation 2: You are on the North Pole. It is the 21st of June and full moon.

Is the Moon visible?

Situation 3: You are on the equator. It is the 15th of December.

It is midnight. Which constellation is located just above you (in the zenith)?

Can you see Leo?

Can you see Gemini?

Can you see Taurus?

Can you see Capricornus?

Can you see Sagittarius?

Can you see Scorpius?

Situation 4: You are in Mundgod. It is the 1st of July.

Is it possible to see Scorpius?