



Code of participant

Код участника

Draw number

Номер по жеребьёвке

## Observational round. Questions. Planetarium

### 8. The Moon.

You have 3 minutes to read the problem.

Then accelerated animation of the Moon's motion will be shown twice during 4 minutes.

Moreover at the 2<sup>nd</sup> time the animation will be paused at the beginning and at the end.

After that you will have 2 minutes to write an answer.

**Find out the month of the observation.**

Answer:

### 9. Motion of the planets.

You have 2.5 minutes to read the problem.

Then an accelerated animation of the Sun's and planets's motion relative to stars will be shown twice during 5 minutes. Moreover at the 2<sup>nd</sup> time the animation will be paused at the beginning and at the end.

After that you will have 2 minutes to write the answers.

Answer:

**9.1.** Estimate dates (+/- 1 week) of the beginning and of the end of the animation.

**9.2.** Write, which constellations (their standard three-letter designation) the Mars and the Venus had passed.

Answer: