

XIV Международная астрономическая олимпиада
XIV International Astronomy Olympiad

Китай, Ханчжоу

8 - 16. XI. 2009

Hangzhou, China

язык
language

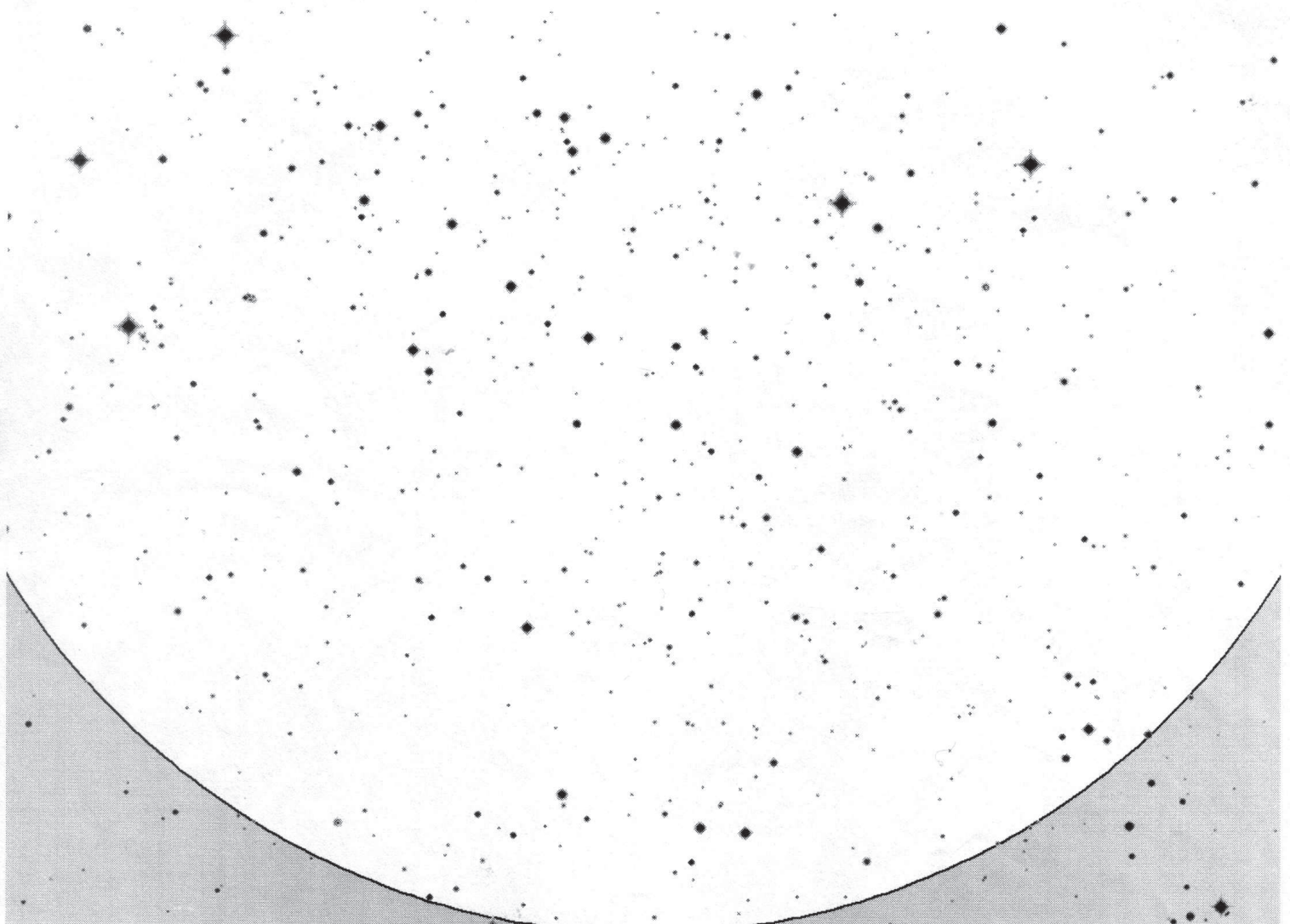
English

Observational round. Questions

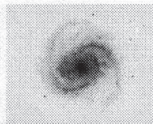
Time for solving the problems is 20 minutes

- 8.1. There are two bright stars that are missing in sky chart 1. Add them on to the chart with crosses (×).
- 8.2. Mark the approximate position of Jupiter tonight with a small circle (O) on sky chart 1. And write down English name of the planet ("Jupiter") beside it.
- 8.3. Which of the following planets can also be observed tonight in the field of view of sky chart 1? Fill box by A, B, C or D.

A. Mars B. Saturn C. Neptune D. Uranus



sky chart 1



XIV Международная астрономическая олимпиада
XIV International Astronomy Olympiad

Китай, Ханчжоу

8 - 16. XI. 2009

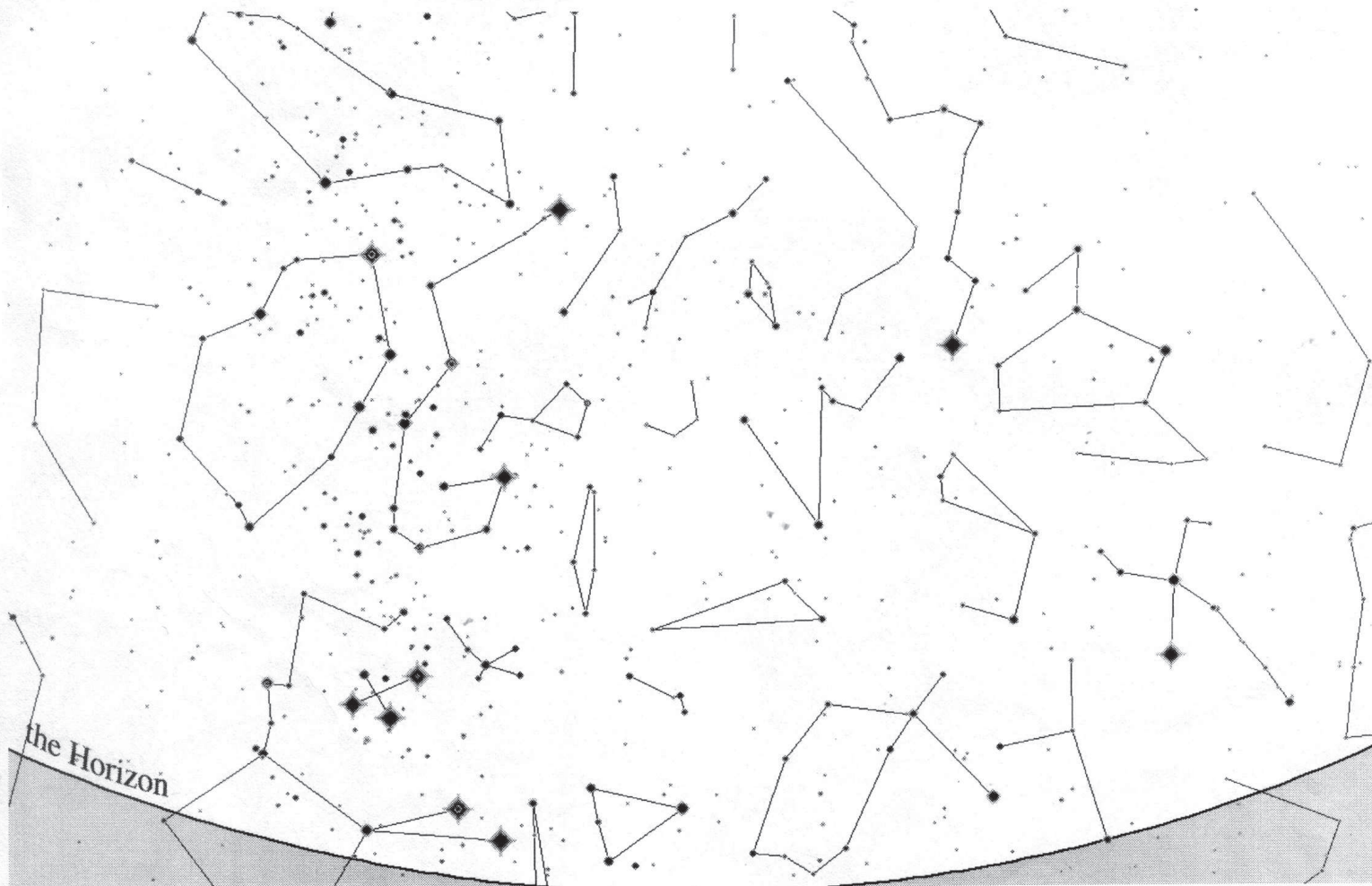
Hangzhou, China

язык
language

English

9.1. Where on our planet can we see a night sky shown by sky chart 2?
Fill box by A, B, C or D.

- A. the Northern Hemisphere B. the Southern Hemisphere C. the Equatorial
D. both A and B



sky chart 2

9.2. Mark the location of the following constellations on sky chart 2 with A, B, C and D.

- A. Crux B. Eridanus C. Puppis D. Vela

9.3. Mark the brightest star in sky chart 2 with an open circle (\bigcirc).