



Round on Maps and Images. Questions to answer

8. Night Sky.

The attached map shows the sky as it could be observed at 14:00 UT of April 22, 2025.

- 8.1. Draw on the map as a dotted line the ecliptic and identify with “Ecl”.
- 8.2. Draw on the map as a continuous line the celestial equator and identify with “Eq”.
- 8.3. Identify on the map the following 12 constellations, writing their three letter code nearby: **Pup, Ant, Lup, Cen, Lyn, Dra, UMa, Pyx, LMi, Per, Vel, Cru**.
- 8.4. Identify on the map the following 5 stars, writing the indicated number nearby:
1. Alnilam (ϵ Ori), 2. Alphard (α Hya), 3. Miram (η Per), 4. Eltanin (γ Dra),
5. Kochab (β UMi).

9. Who is who?

You are provided with a sheet where images of 9 astronomical objects are shown. Identify these objects marking the correct answer among the listed four. Multiple choice or corrections are not allowed.

10. Where are they?

The skycharts of 6 constellations are shown in Table “10”. Could you put these 6 astronomical objects in the right place: M30, M10, M76, M2, M93, α Cen? Put the designation of the object in the area of the constellation where you think it is.