

Name: _____ Date: _____

Stars and Solar System

Q1. Draw sketches to show the relative positions of prominent stars in (a) Ursa Major and (b) Orion

Ans. _____

Q2. Explain how you can locate the Pole Star with the help of Ursa Major.

Ans. _____

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Ans. (a) Ursa Major

(b) Orion

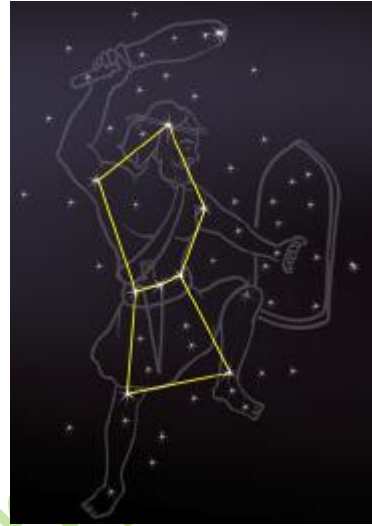


Image from NCERT

Q2. Explain how you can locate the Pole Star with the help of Ursa Major.

Ans. Look towards the northern part of the sky and identify Ursa Major. Look at the two stars at the end of Ursa Major. Imagine a straight line passing through these stars as shown in Figure. Extend this imaginary line towards the north direction. This line will lead to a star which is not too bright. This is the Pole Star.



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