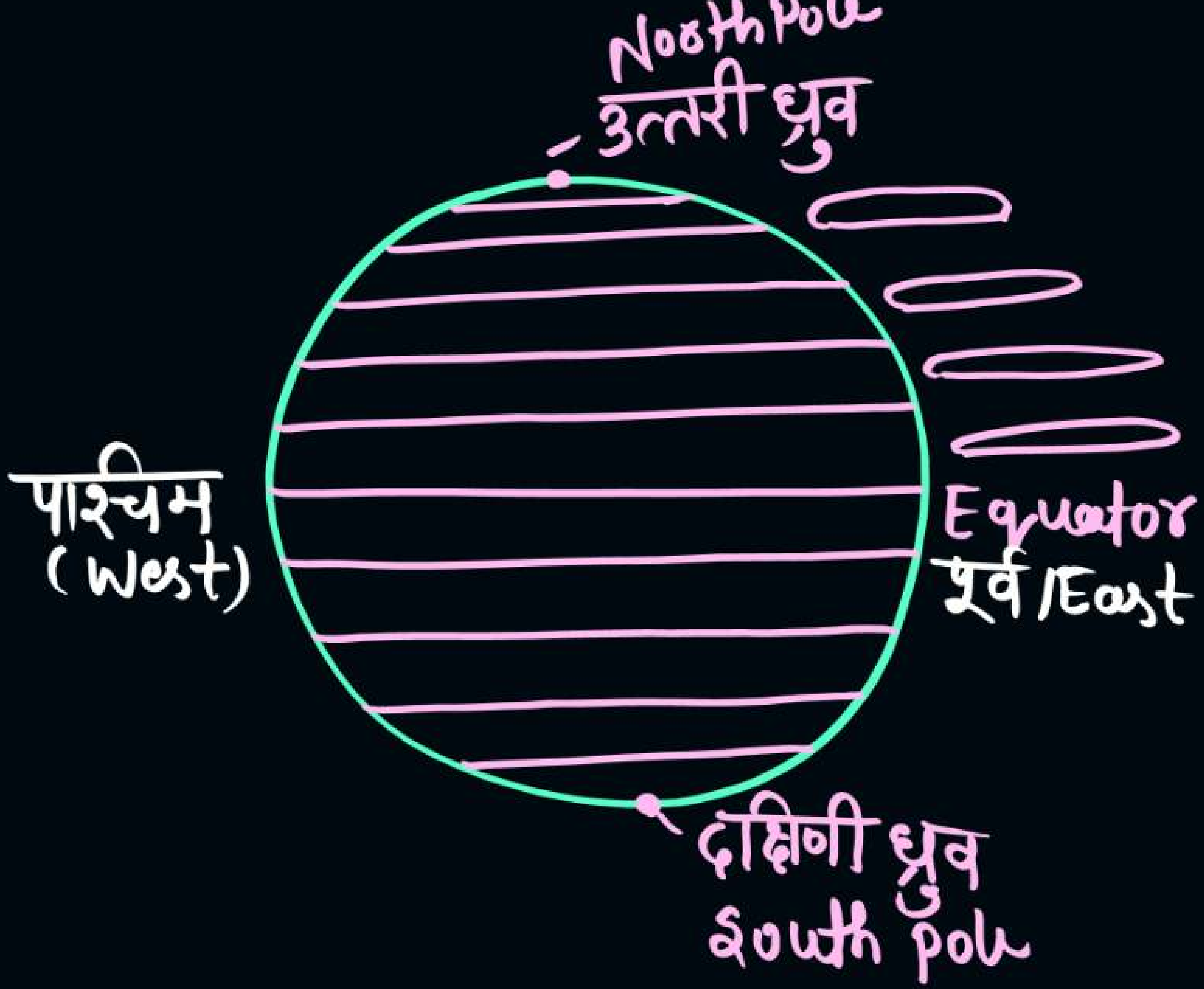
DELHI POLICE 2025
CONSTABLE
HCM
AWO/TPO
DRIVER
यकीन बैच
GEOGRAPHY
अक्षांश एवं देशांतर रेखा
Part -3
LIVE STREAMING
01-05-2025 06:00 PM

* अक्षांश → Latitude



* अक्षांश → पश्चिम से पूर्व दिशा मे खींची जाने वाली रेखा जो समान
Latitude अक्षांशीय कोण वाले स्थानो को मिलाती है अक्षांश रेखा कहलाती है।

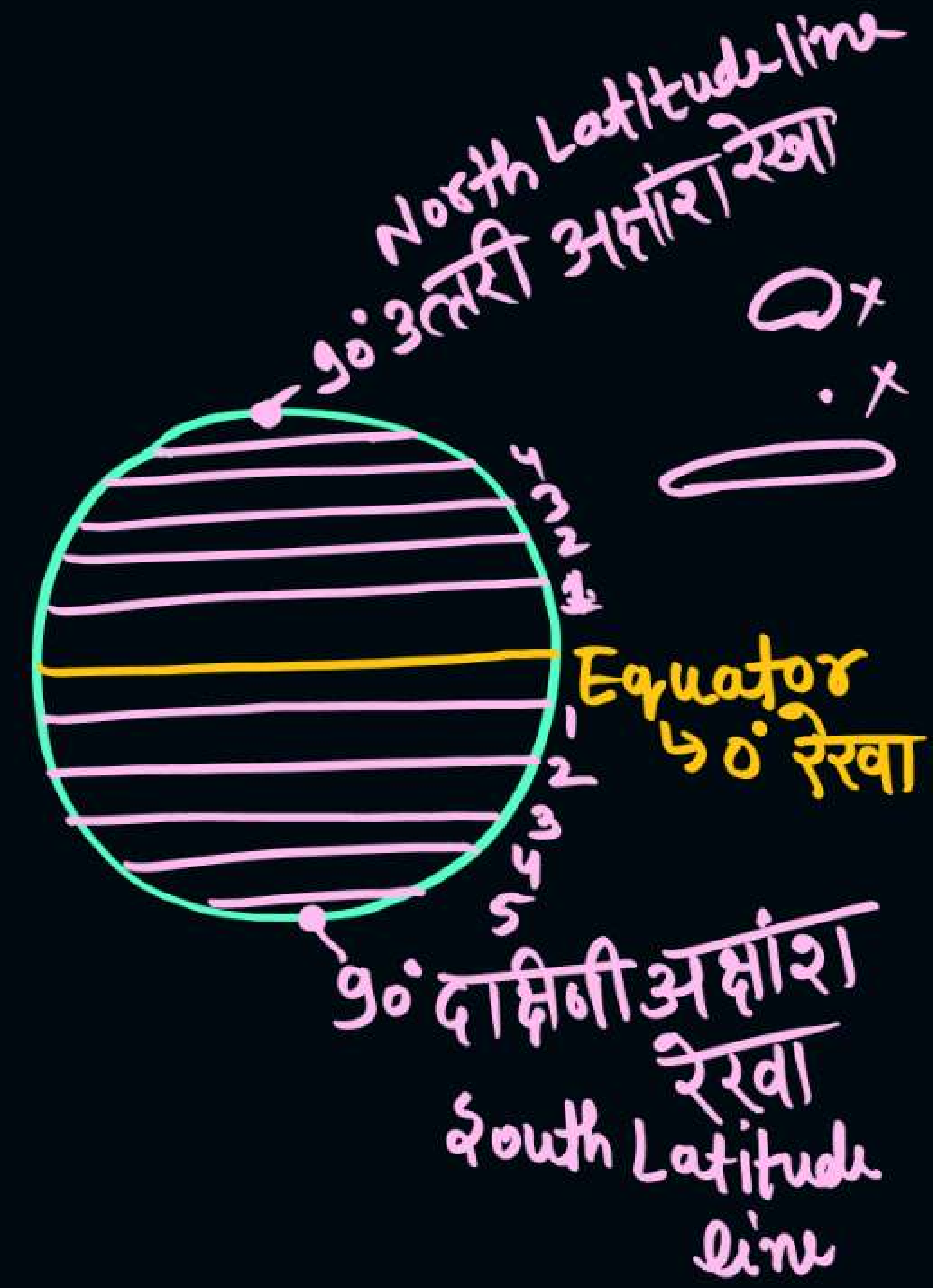
Latitude / अक्षांश रेखा → Latitude is the angular distance of a point on the earth's surface measured in degree from the centre of the earth. It is parallel to the line of the equator.

pyq / Imp.

→ कुल अक्षांश — Total latitude $90+90+1=181$

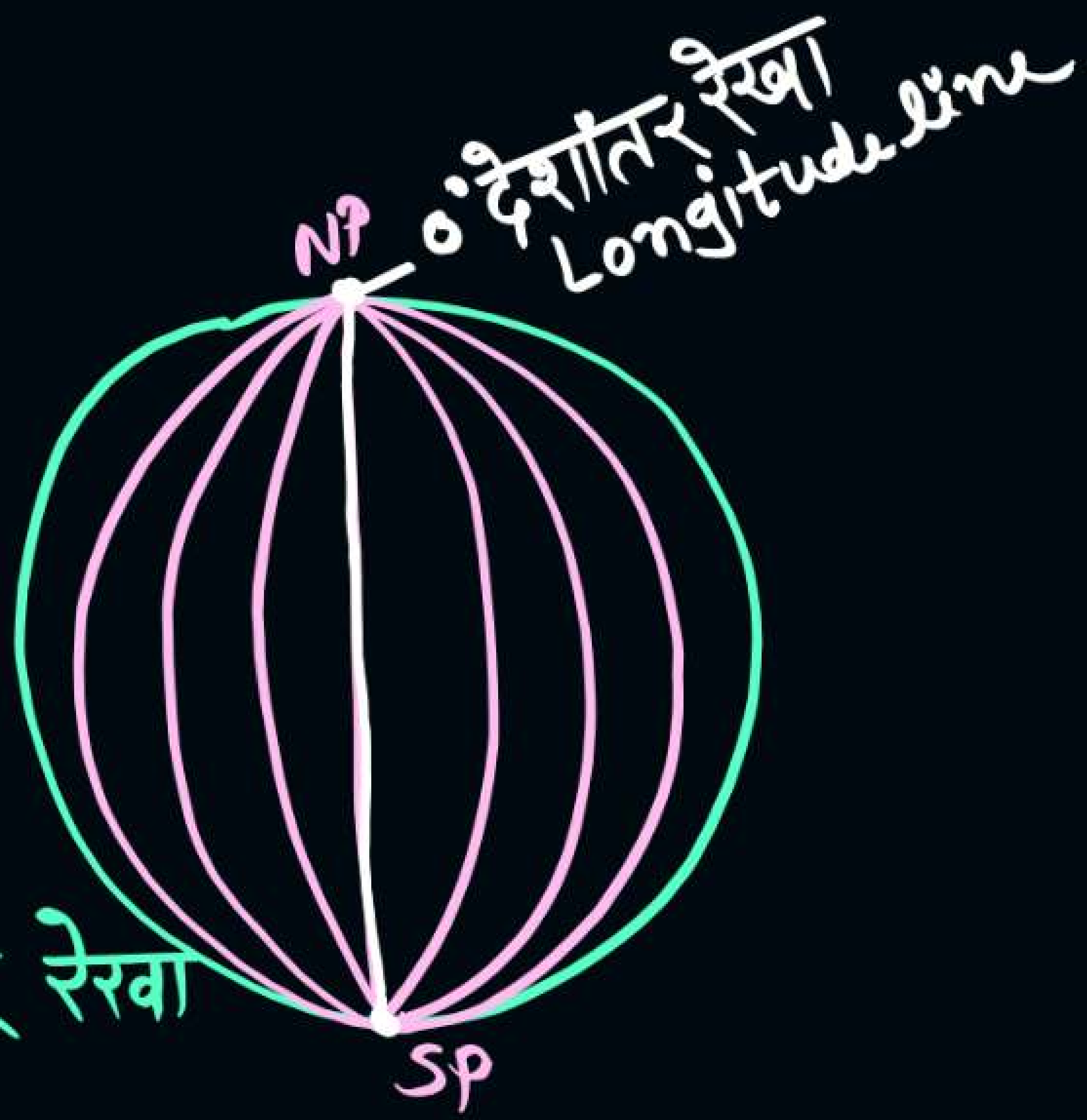
→ कुल अक्षांश रेखा — Tatal Latitude line $181-2=179$

→ कुल अक्षांश वृत्त — (Total no. of circle) $181-2=179$



* देशांतर रेखा →
Longitude line

→ उत्तरी ध्रुव को दक्षिणी ध्रुव से मिलाने वाली रेखा को देशांतर रेखा कहा जाता है।



→ Longitude are imaginary line joining the north Pole and South Pole.

imp * 0° देशांतर → प्रधान मध्याह्न रेखा
Longitude (Prime meridian)

imp * 180° देशांतर → अंतर्राष्ट्रीय तिथि रेखा
(Longitude) (International meridian line)

imp → दो देशांतर रेखाओ के मध्य दूरी को गोरे (GORE) कहते है।
The distance between two longitude lines is called GORE.

imp → दो देशांतर रेखाओ के मध्य दूरी — 111.32 Km
Distance between two longitudes lines

* प्रधान मध्याह्न रेखा → वाशिंगटन डी॰ सी॰ मे 22 october 1884 को हुई
Prime meridian
अंतर्राष्ट्रीय बैठक मे इंग्लैंड के लंदन के पूर्व मे ग्रीनविच नामक स्थान पर स्थित रायल वेधशाला से गुजरने वाली देशांतर रेखा को प्रधान मध्याह्न माना गया और इसे ही ग्रीनविच मध्याह्न नाम दिया गया।

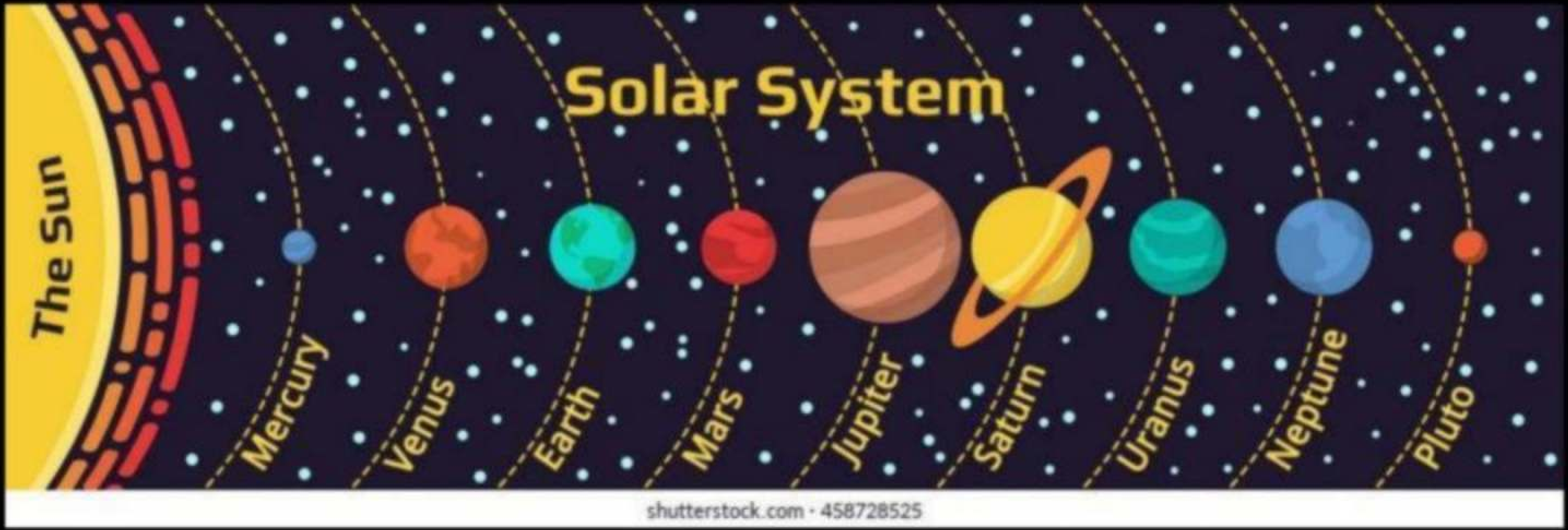
Prime meridian → In the International meeting held on 22 oct 1884 in washington DC, the longitude line passing through the Royal Obsarvatory located at a place called Greenwich, East to London, England was considered as the Prime meridian and it was also called Greenwich meridian.

प्र → दो अक्षांश रेखाओं के मध्य दूरी को कटिबंध (zone) कहते हैं।
The distance between two latitude lines is called zone.

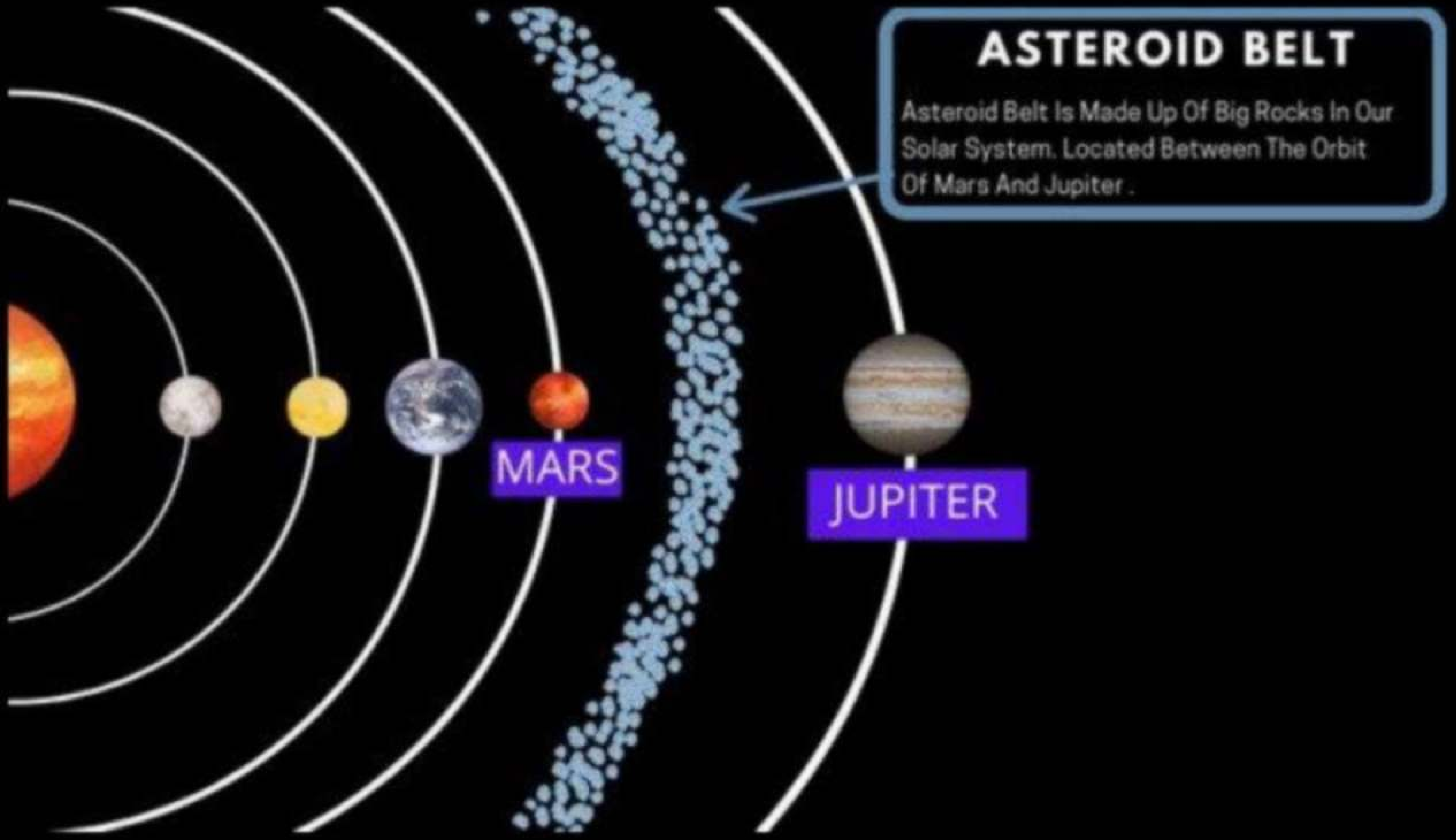
(प्र.) PYQ → दो अक्षांशों के बीच की दूरी – 111 Km
Distance between two latitudes

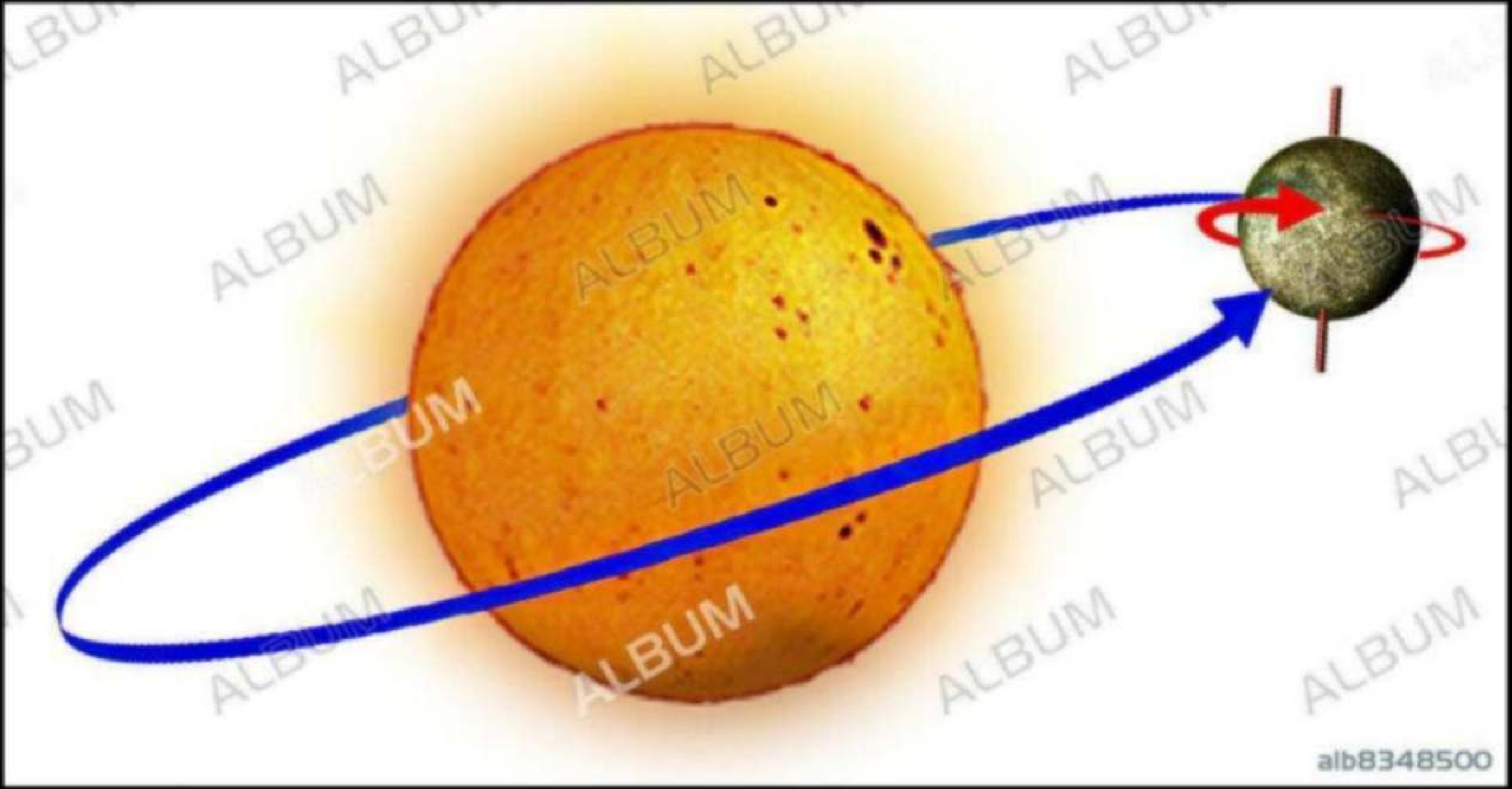
Note – 90° उत्तरी अक्षांश व 90° दक्षिणी अक्षांश ग्लोब पर एक बिंदु है रेखा नहीं इसीलिए अक्षांश रेखा में इनकी गणना नहीं की जाती है।
→ 90° North Latitude and 90° South Latitude is a point on the Globe not a line that is why they are not counted in the latitude line.

Neptun
Pluto
Mars
Uranus
Venus
Juoiter
Saturn
Earth
Mercury

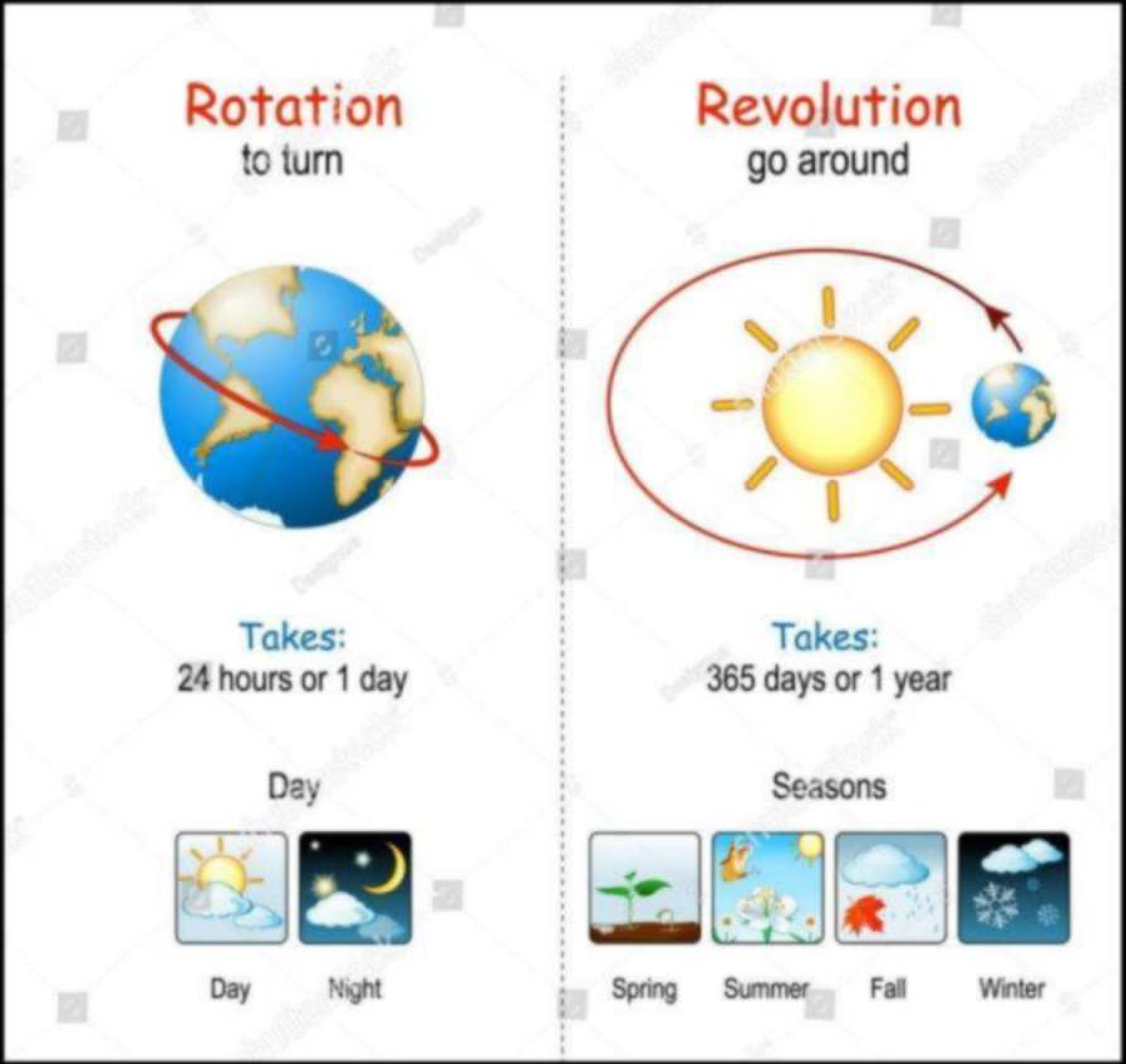

Solar System
The Sun
Mercury
Venus
Earth
Mars
Jupiter
Saturn
Uranus
Neptune
Pluto
shutterstock.com · 458728525

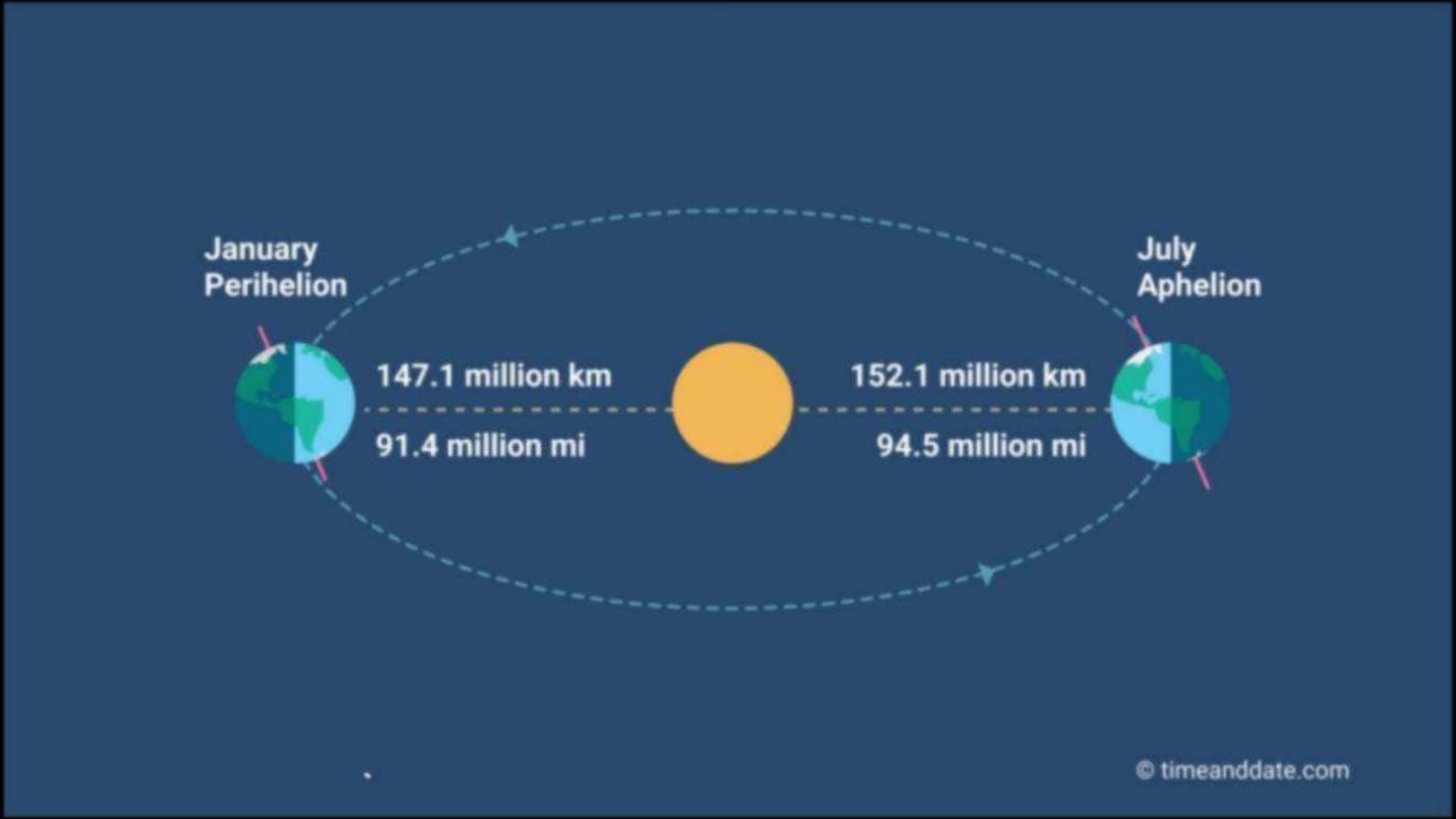
Illustration

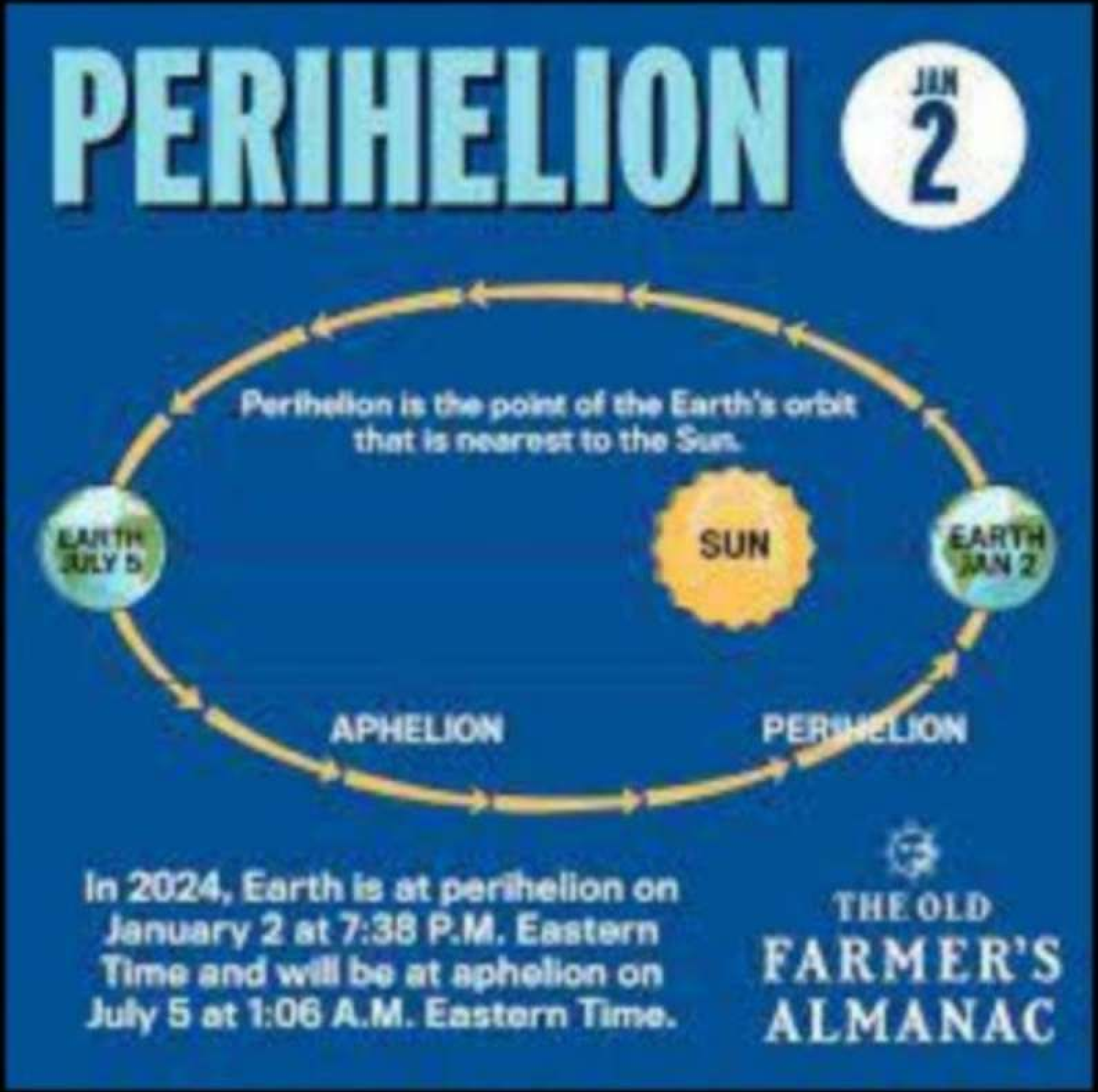

ASTEROID BELT
Asteroid Belt Is Made Up Of Big Rocks In Our Solar System. Located Between The Orbit Of Mars And Jupiter .
MARS
JUPITER

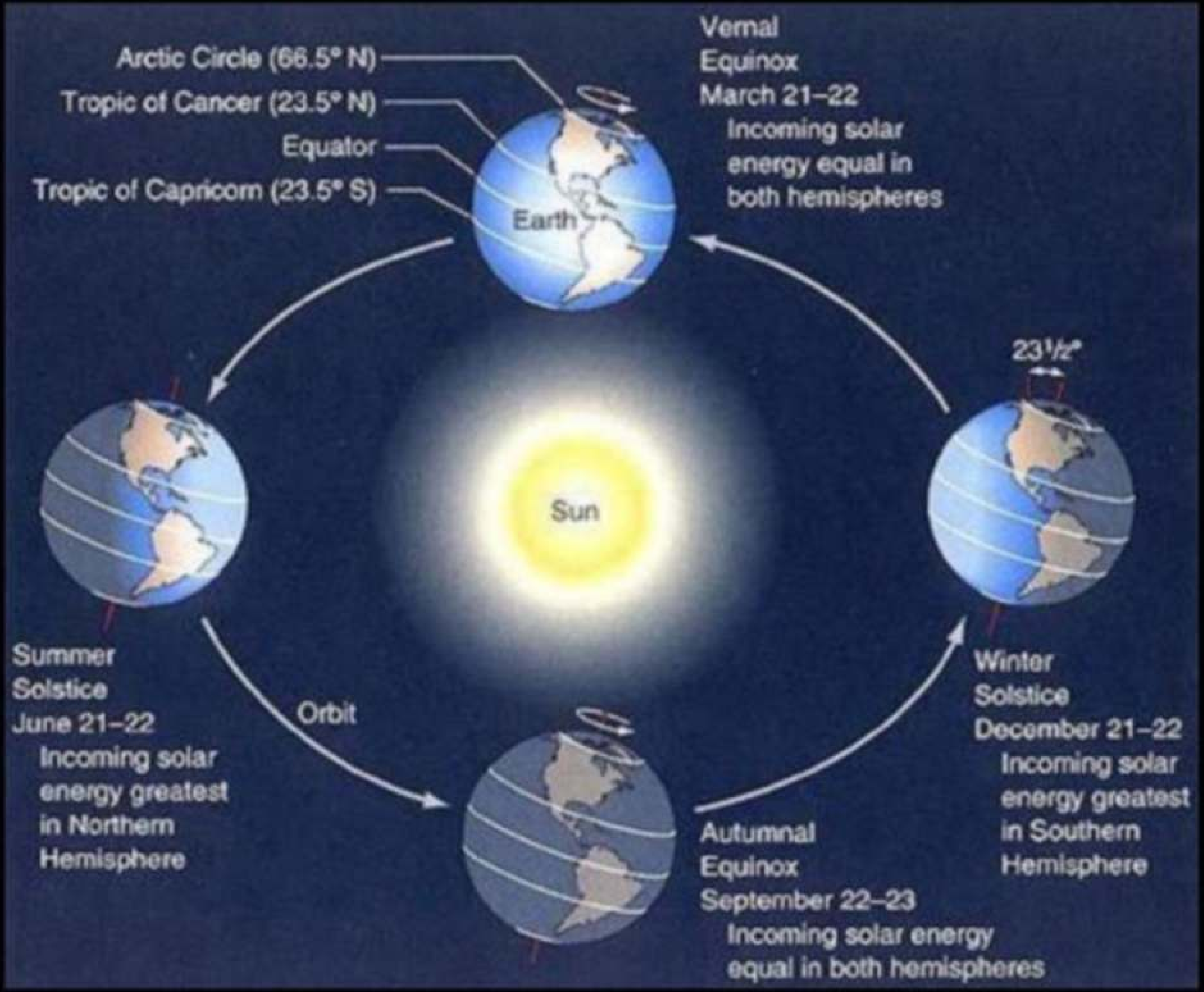


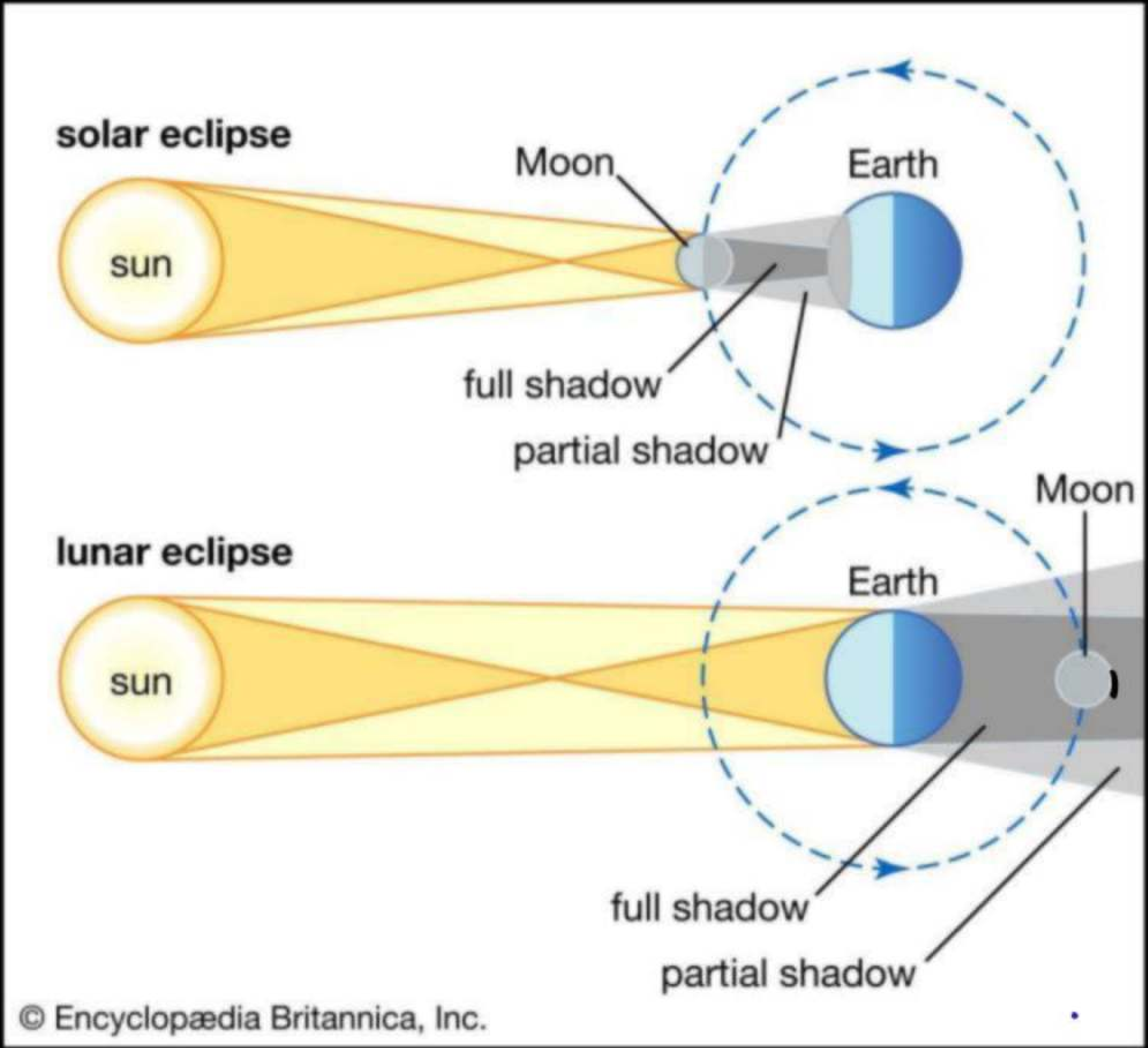
ALBUM
alb8348500
www.album-online.com


Rotation
to turn
Revolution
go around
Takes:
24 hours or 1 day
Takes:
365 days or 1 year
Day
Seasons
Day
Night
Spring
Summer
Fall
Winter


January
Perihelion
147.1 million km
91.4 million mi
July
Aphelion
152.1 million km
94.5 million mi
© timeanddate.com


PERIHELION
JAN
2
Perihelion is the point of the Earth's orbit
that is nearest to the Sun.
EARTH
JULY 5
SUN
EARTH
JAN 2
APHELION
PERIHELION
In 2024, Earth is at perihelion on
January 2 at 7:38 P.M. Eastern
Time and will be at aphelion on
July 5 at 1:06 A.M. Eastern Time.
THE OLD
FARMER'S
ALMANAC


Arctic Circle (66.5° N)
Tropic of Cancer (23.5° N)
Equator
Tropic of Capricorn (23.5° S)
Earth
Vernal
Equinox
March 21–22
Incoming solar
energy equal in
both hemispheres
23½°
Sun
Summer
Solstice
June 21–22
Incoming solar
energy greatest
in Northern
Hemisphere
Orbit
Winter
Solstice
December 21–22
Incoming solar
energy greatest
in Southern
Hemisphere
Autumnal
Equinox
September 22–23
Incoming solar energy
equal in both hemispheres



solar eclipse
Moon
Earth
sun
full shadow
partial shadow
lunar eclipse
Moon
Earth
sun
full shadow
partial shadow
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