

Origin of  
the Seasons

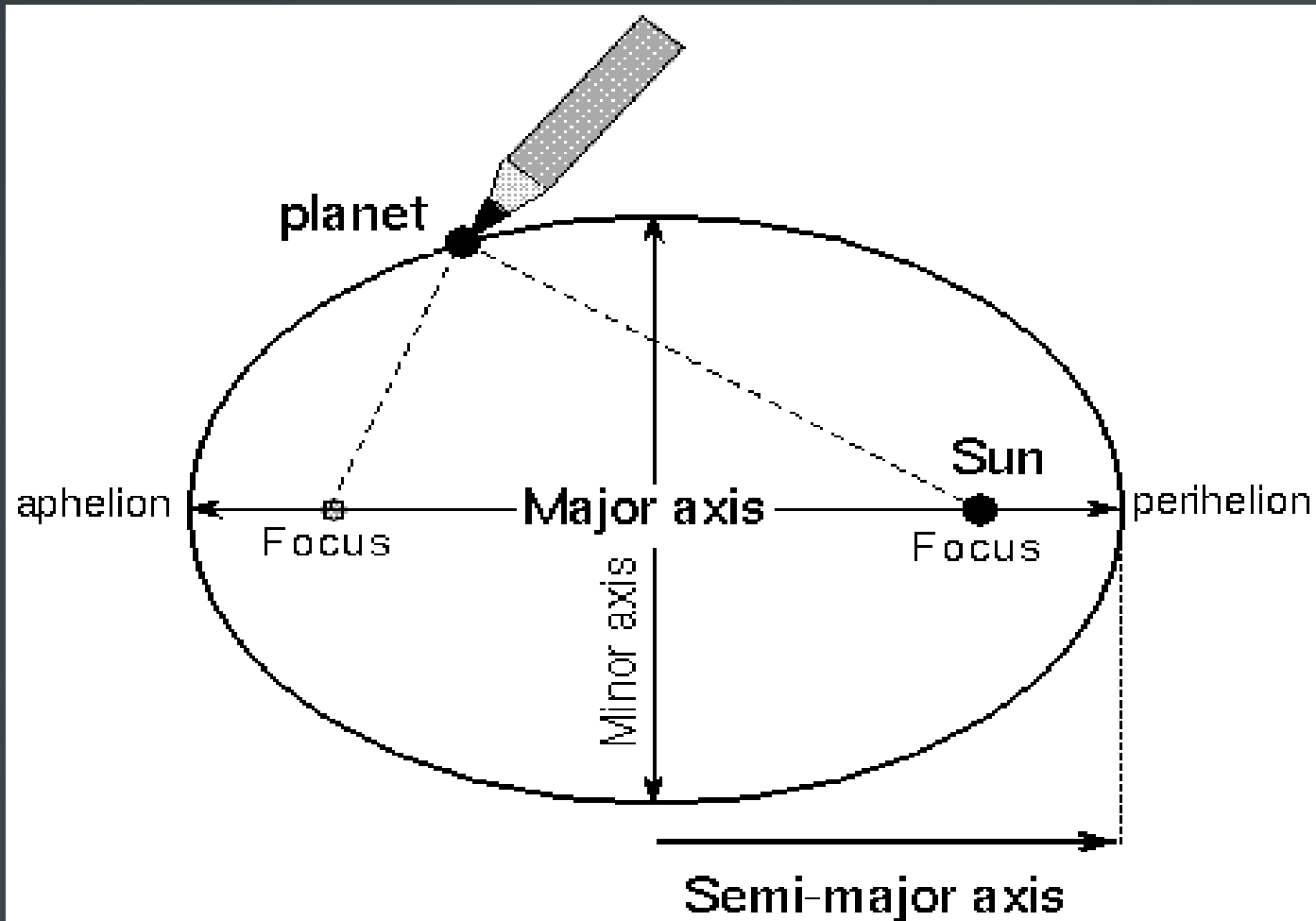


# Quiz

- What is meant by the term Equator?
- What are perihelion and aphelion?
- If it is summer in Australia, what season is it in New Mexico?
- What causes Earth's seasons?



# Typical Answer for Cause of the Seasons:



Drawing an **ellipse**: loop string around thumb tacks at each **focus** and stretch string tight with a pencil while moving the pencil around the tacks. The Sun is at one focus.

# Elliptical Orbits

- This answer does have a noticeable effect for Mars, but not for Earth.



# The Real Reason:

