

SEASONS

Extension Questions

For each of these questions, sketch a diagram to help us understand your thinking.

1. Determine the relationship between a city's latitude and the Sun's angle at midday for the equinoxes. How does the midday Sun angle differ between the equinoxes and the solstices?
2. Describe the locations on Earth (in terms of latitude) where the Sun can be directly overhead.
3. Describe the locations on Earth (in terms of latitude) where it is possible for the Sun to never rise for an entire day at certain times of year.