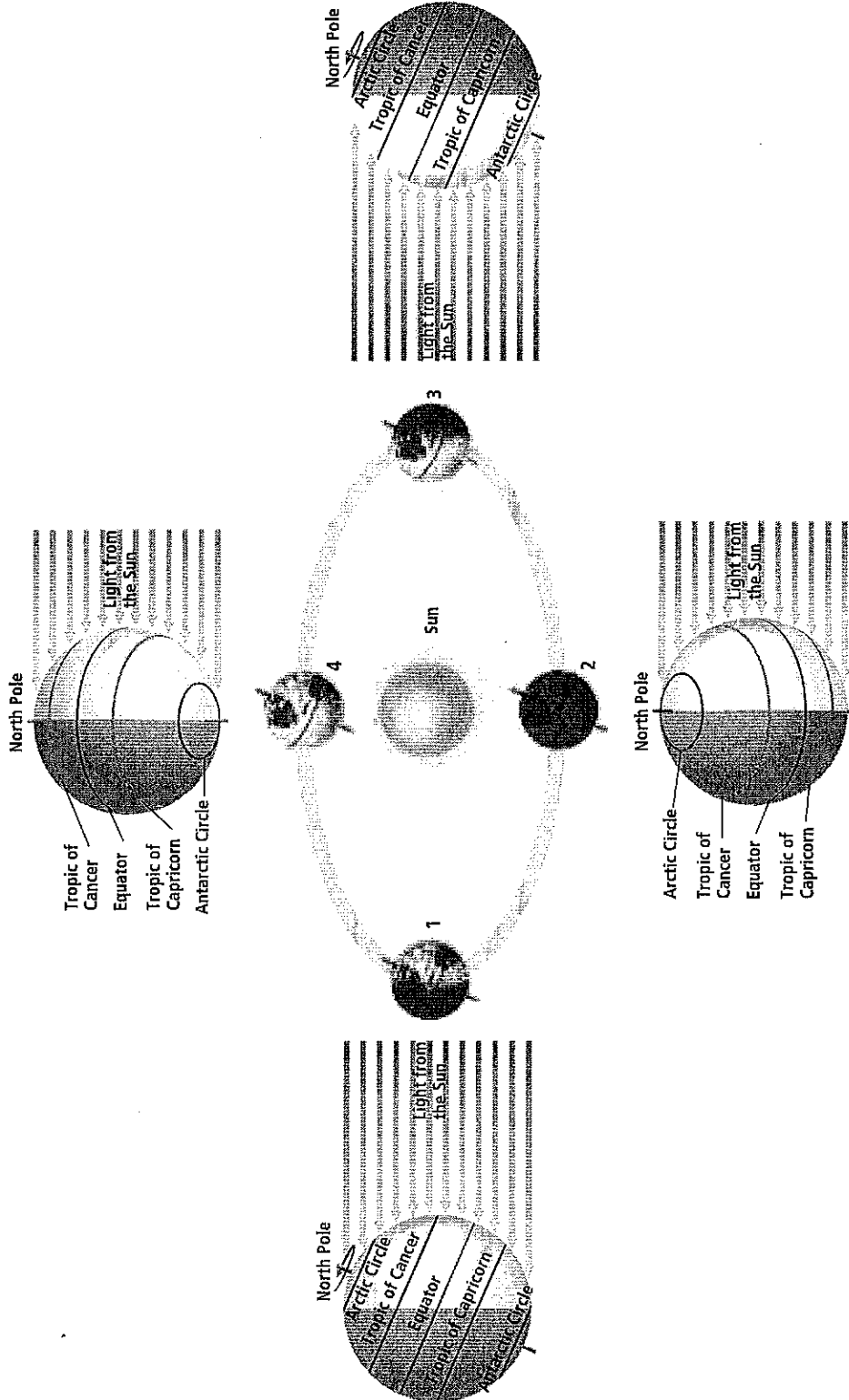


Use with Chapter 27  
Section 27.3

# The Solstices and Equinoxes



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Use with Chapter 27  
Section 27.3

# The Solstices and Equinoxes

1. Which numbered position of Earth in its orbit around the Sun corresponds to the summer solstice in the northern hemisphere? At this time, where on Earth are the Sun's rays vertical?

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2. Describe the sunlight conditions within the arctic and antarctic circles during the summer solstice.

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3. Which numbered position of Earth in its orbit around the Sun corresponds to the winter solstice in the northern hemisphere? At this time, where on Earth are the Sun's rays vertical?

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4. Describe the sunlight conditions within the arctic and antarctic circles during the winter solstice.

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5. Which numbered position of Earth in its orbit around the Sun corresponds to the autumnal equinox? At this time, where on Earth are the Sun's rays vertical?

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6. Which numbered position of Earth in its orbit around the Sun corresponds to the vernal equinox? At this time, where on Earth are the Sun's rays vertical?

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7. How do the number of daylight hours compare between the northern and southern hemispheres when Earth is in position 3? Position 4?

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