

## Chapter 21

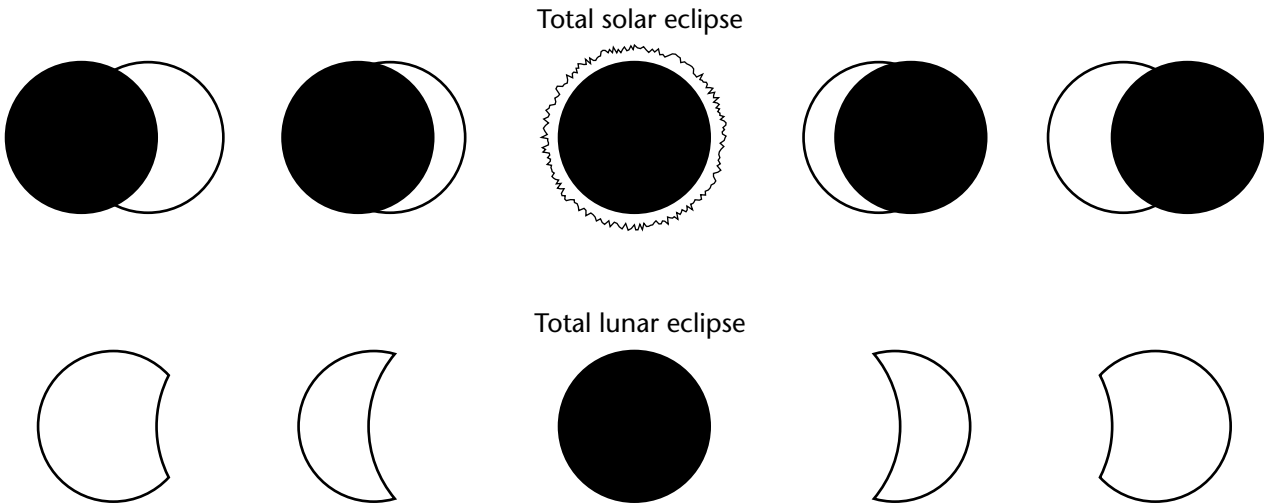
Use with Section 2

## ENRICHMENT

## ● Earth's Moon

## Comparing Eclipses

The following observations were made during two eclipses. Study each sketch. Then answer the questions. Note that the moon revolves eastward in its orbit and goes eastward across the sky during an eclipse.



1. What makes the shadow during a solar eclipse? \_\_\_\_\_  
During a lunar eclipse? \_\_\_\_\_
2. When a person experiences the third stage, or a total solar eclipse, where is he standing?  
\_\_\_\_\_  
\_\_\_\_\_
3. Is the east side or the west side of the sun covered first during a solar eclipse? \_\_\_\_\_
4. Is the east side or the west side of the moon covered first in a lunar eclipse? \_\_\_\_\_
5. Which of the above eclipses helps show that Earth is a sphere? Why?  
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6. Why does a lunar eclipse last longer than a solar eclipse?  
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