

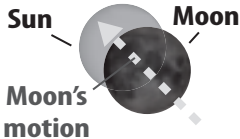
Key Concept Builder

LESSON 3

Eclipses and Tides

Key Concept What is a solar eclipse?

Directions: Answer each question or respond to each statement in the space provided.

A Solar Eclipse	
1. What is a solar eclipse? 2. Where must an individual be to witness a solar eclipse?	
Elapsed time: 0 h 22 min 	3. What needs to be true about the orbits of the Moon and Earth for a solar eclipse to occur?
Elapsed time: 1 h 09 min 	4. Why is the Moon's shadow cast on Earth during a solar eclipse?
Elapsed time: 1 h 16 min 	5. What is the difference between a total solar eclipse and a partial solar eclipse?
Elapsed time: 1 h 34 min 	6. Explain the sequence of a solar eclipse.
Elapsed time: 1 h 49 min 	7. Explain why a solar eclipse does not occur during each full moon.