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	Class	Date

MODERN EARTH SCIENCE

Transparency Worksheet 48 The Earth-Moon System

	What force holds the earth-moon system together?
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4.	Compare the orbit of the moon as seen from the earth with the orbit of the moon as seen from space.
,	What does the blue line in the diagram represent?
	According to the diagram, where does the balance point of the earth-moon system lie?
ī	What would happen to the balance point of the earth-moon system if the moon were monassive?
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Class

Date

MODERN EARTH SCIENCE

Transparency Worksheet 49 Solar and Lunar Eclipses

1.	What is the difference between a total and a partial solar eclipse?
2.	Are total solar eclipses visible from anywhere on the earth? Explain.
3.	How could you modify the top diagram to represent an annular eclipse?
l.	Why don't we see solar and lunar eclipses every lunar cycle?
3	
	If the moon's orbital plane were 0° rather than 5°, how often would solar and lunar eclipses occur? Where would they be seen?
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