

Solar and Lunar Eclipses Worksheet

NAME : _____

Match each question on the left with the correct answer on the right by drawing a line. Think carefully about how eclipses happen!

What is the position of the Sun, Moon, and Earth during a solar eclipse?

Special eclipse glasses are required to protect the eyes.

What is the position of the Sun, Moon, and Earth during a lunar eclipse?

The Moon's shadow covers only a small part of the Earth.

Why does the Moon appear red during a total lunar eclipse?

The Moon is between the Sun and the Earth.

Why do solar eclipses happen less often in the same location?

Umbra

What is the darkest part of the shadow during an eclipse called?

The Earth is between the Sun and the Moon.

What safety precaution is needed to watch a solar eclipse?

Earth's atmosphere scatters blue light, letting only red light reach the Moon.