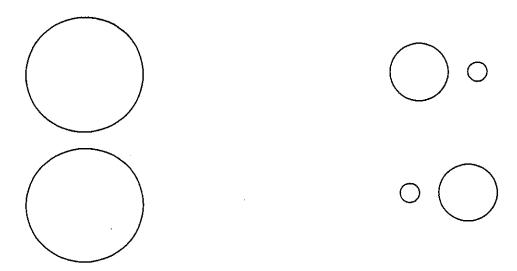
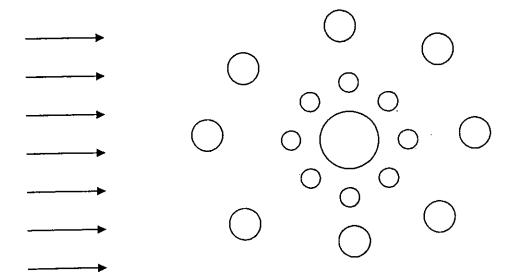
Moon Motions: Notes Handout

Eclipses. Draw and label a lunar eclipse and a solar eclipse using the circles below. Be sure to label the Earth, Sun, Moon, penumbra, and umbra.



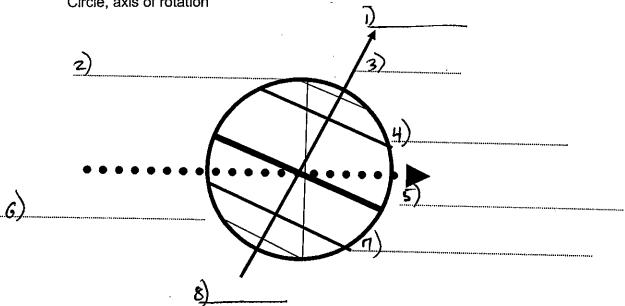
Penumbra = light shadow Umbra = dark shadow

Lunar Phases. Shade and label the following moon phases: new, full, waxing and waning crescent, waxing and waning gibbous, 1st and 3rd quarter. Assume the smaller, inner circles represent the view of the moon from space, while the larger, outer circles are the moon as seen from Earth.



Earth's Motions: Notes Handout

Refer to Chapter 28 and label the diagram of Earth below with the following terms: North Pole, South Pole, Tropic of Cancer, Tropic of Capricorn, equator, Antarctic Circle, Arctic Circle, axis of rotation



Label the diagram of Earth's seasons below with the following terms: spring equinox, autumnal equinox, summer solstice, winter solstice, apogee, perigee, ecliptic

