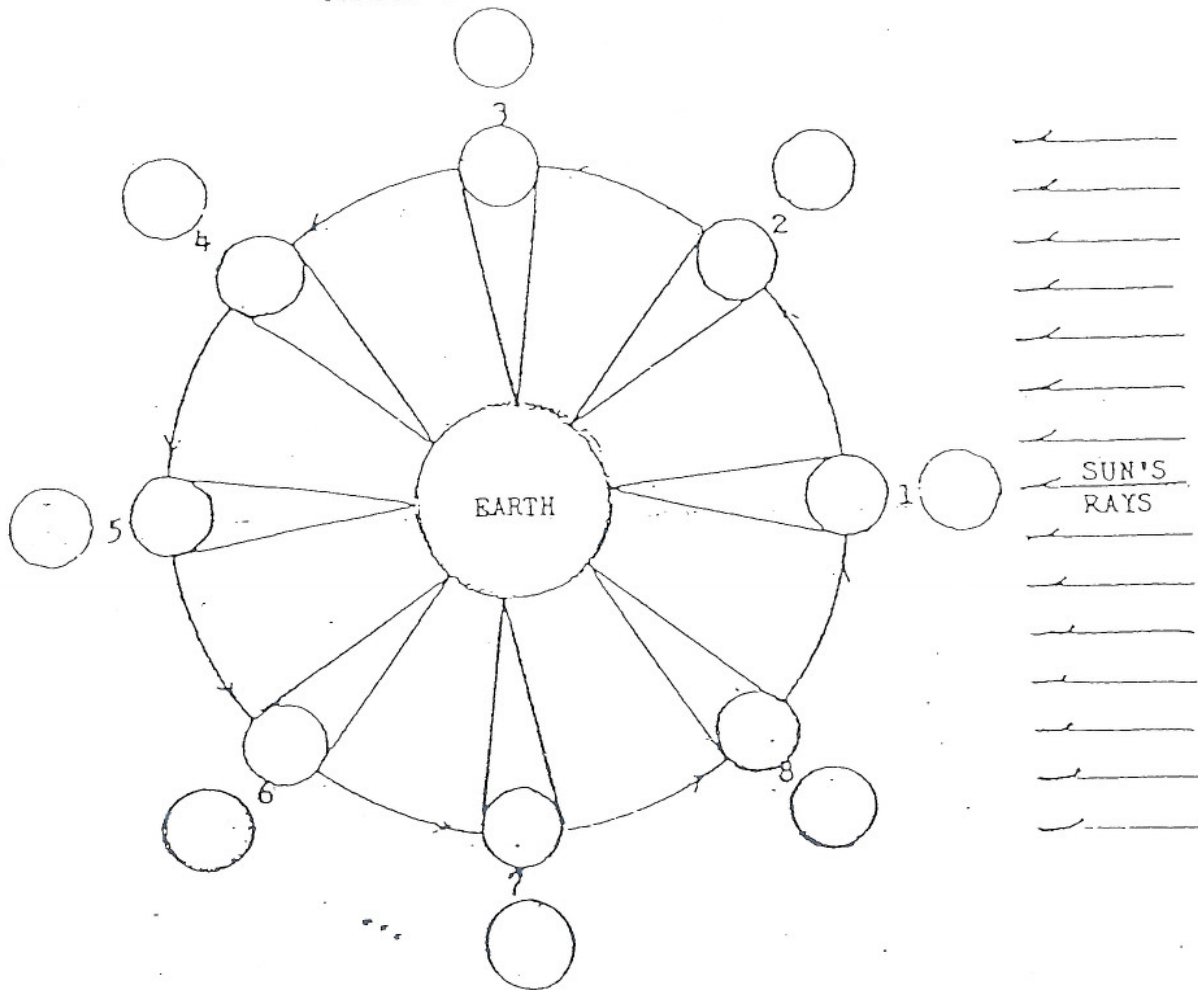


PHASES OF THE MOON



SUN'S RAYS

1. On the diagram above, determine which part of the earth is not receiving light from the sun. Shade this part of the earth with your pencil.
2. Determine which side of the moon in each position is not receiving light from the sun. Using the inner circle at each position, shade this part of the moon with your pencil.
3. Find the two sight lines from the moon in each position to a point on the earth's surface. Study the light and dark parts of the moon that are between these two sight lines and determine how the moon would appear from the earth in each position. Shade the outer circle at each position so that it appears as the moon appears from the earth.

4. What name is given to each of the phases of the moon?

Position 1. _____	Position 5. _____
Position 2. _____	Position 6. _____
Position 3. _____	Position 7. _____
Position 4. _____	Position 8. _____

5. a. Which phases of the moon are waxing phases?

b. Which phases of the moon are waning phases?