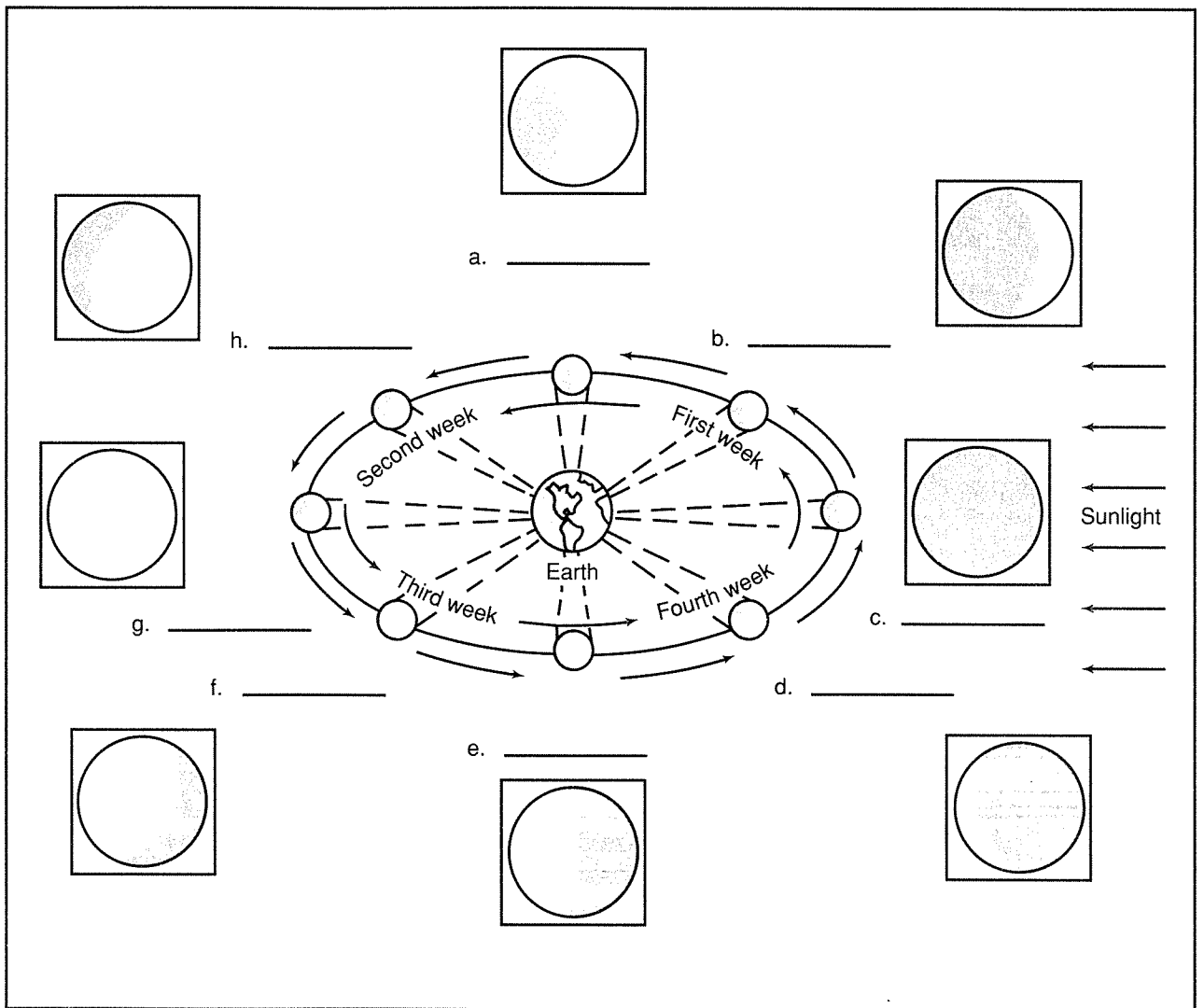


**ACTIVITY** ■ Earth and Its Moon

**Phases of the Moon**

Choose the phase of the moon from the list below and write it on the appropriate line in the drawing.

- |               |                 |
|---------------|-----------------|
| first quarter | waning crescent |
| full          | waning gibbous  |
| last quarter  | waxing crescent |
| new           | waxing gibbous  |

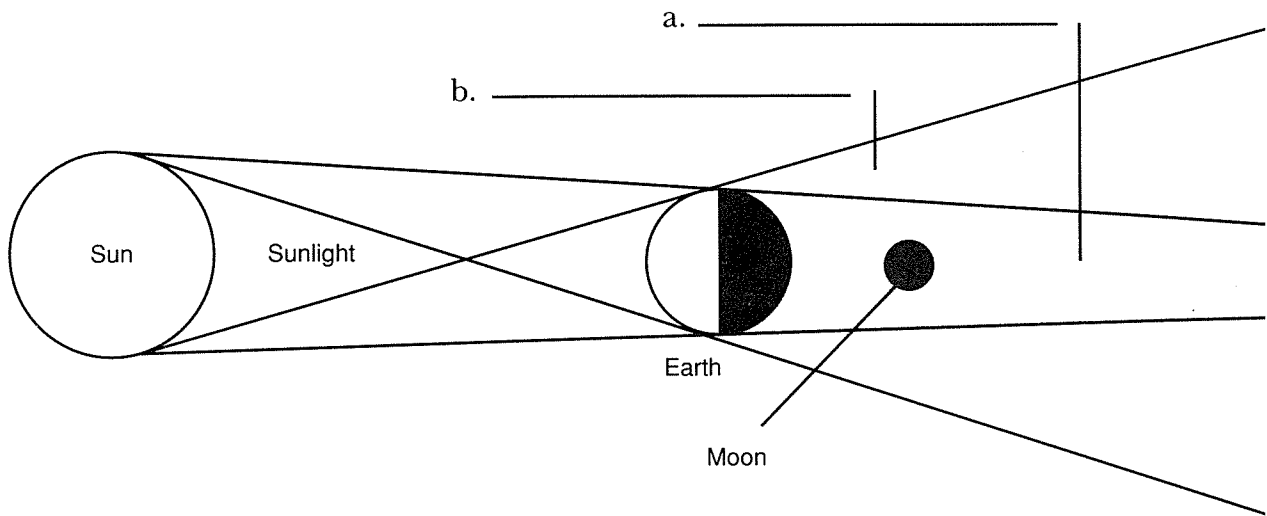


**ACTIVITY** ■ Earth and Its Moon

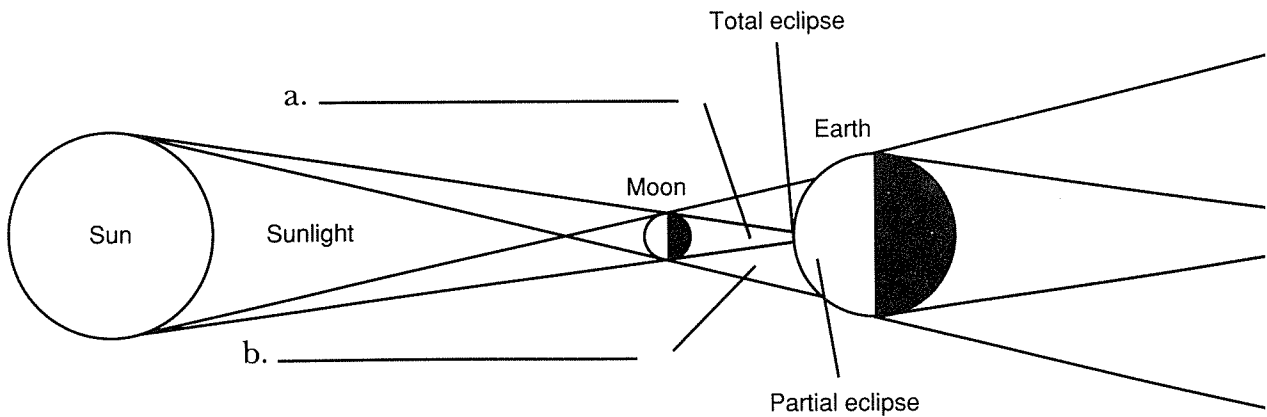
**Lunar and Solar Eclipses**

The two drawings below depict either a lunar or a solar eclipse. Identify which drawing refers to which type of eclipse. Then fill in the correct term beside each letter.

1. \_\_\_\_\_ eclipse



2. \_\_\_\_\_ eclipse



**ACTIVITY** ■ Earth and Its Moon

**High and Low Tides**

Because the moon is close to the Earth, there are interactions between the Earth and the moon. One visible interaction is the effect of the gravitational pull of the moon on the Earth. This pull results in the rise and fall of the ocean level as the moon moves in its orbit around the Earth. The rise and fall of the oceans are called tides.

Use Figure 1 to answer questions 1 and 2.

1. Which side of the Earth is facing the moon?  
\_\_\_\_\_

2. Which sides of the Earth are having low tide? \_\_\_\_\_  
High tide? \_\_\_\_\_

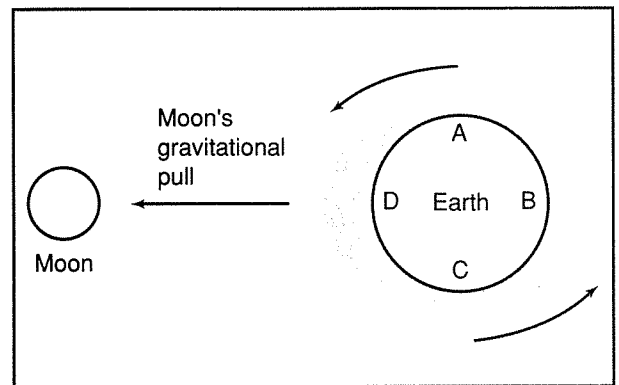


Figure 1

Use Figure 2 to answer questions 3 and 4.

3. Which sides of the Earth are having low tide? \_\_\_\_\_  
High tide? \_\_\_\_\_

4. How much time has passed between Figures 1 and 2? \_\_\_\_\_

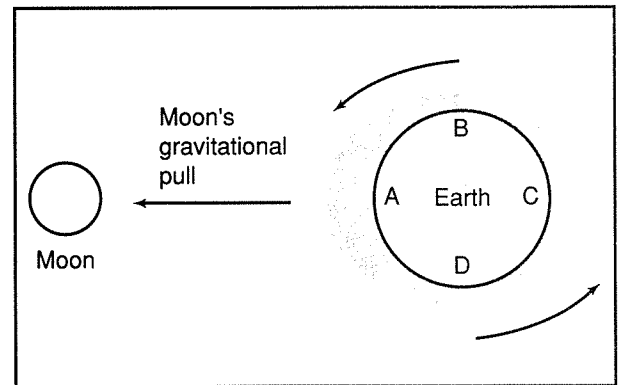


Figure 2

Use Figure 3 to answer questions 5 and 6.

5. Which sides of the Earth are having high tide? \_\_\_\_\_  
Low tide? \_\_\_\_\_

6. How much time has passed between Figures 2 and 3? \_\_\_\_\_

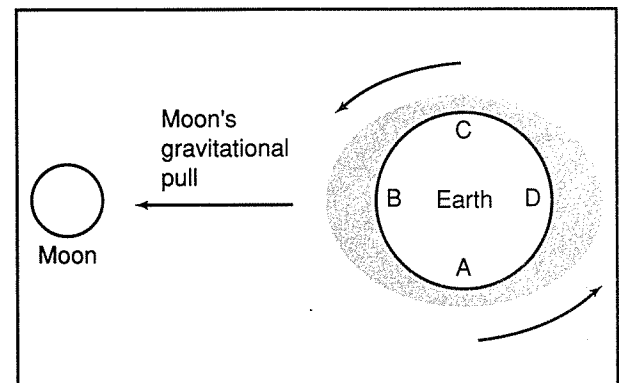


Figure 3