

## Moon Scavenger Hunt

For use with the two interactive moon charts

Name \_\_\_\_\_

1. It takes the moon exactly \_\_\_\_\_ days to make a complete orbit around Earth. This period of time is referred to as the \_\_\_\_\_ period.
2. The new moon occurs when Earth, sun, and the moon are in alignment, but the \_\_\_\_\_ is positioned in between the \_\_\_\_\_ and \_\_\_\_\_.
3. A half moon appears when the moon is positioned as a \_\_\_\_\_ with respect to Earth and the sun.
4. The \_\_\_\_\_ moon occurs just before the full moon and is more than half visible.
5. The full moon is also called the \_\_\_\_\_.
6. Tides are caused by the \_\_\_\_\_ exerted on Earth by the moon.
7. When the sun and moon are both exerting gravitational pull on Earth, it resulted in powerful tides known as \_\_\_\_\_.
8. When the gravitational forces of the sun and moon are perpendicular to each other, it causes weak tides known as \_\_\_\_\_.
9. \_\_\_\_\_ occur only about once every 18 months, when the moon is close to Earth and in its new moon phase.
10. On a typical day, there are \_\_\_\_\_ high tides and \_\_\_\_\_ low tides.