Equinox Challenge
Directions: Read each sentence. Then circle the letter next to the answer that completes the sentence.

1. The day of the fall equinox in Canada is also the day of the _______ in Australia.
   a. fall equinox
   b. spring equinox
   c. summer solstice

2. Earth orbits the Sun in the shape of ________________ .
   a. an ellipse
   b. a circle
   c. a double helix

3. After the fall equinox, the Sun ________________ .
   a. appears lower in the sky
   b. appears higher in the sky
   c. appears in the same place

4. Earth is farthest from the Sun in ________________ .
   a. December
   b. September
   c. July

5. The interval between the spring equinox and the following fall equinox in the Northern hemisphere is ________ the interval between the fall equinox and the following spring equinox.
   a. the same length as
   b. longer than
   c. shorter than

6. The fall equinox occurs when ________________ .
   a. the Sun is above the equator
   b. Earth starts to move away from the Sun
   c. Earth starts to move towards the Sun
7. The fall equinox is a national holiday in _____________.
   a. Japan
   b. Uzbekistan
   c. Guatemala

8. At the time of the fall equinox in the United States, _____________.
   a. day and night are equal in the Northern hemisphere but not in the Southern hemisphere
   b. day and night are equal in the Southern hemisphere but not in the Northern hemisphere
   c. day and night are of roughly equal length in both hemispheres

9. The equinox causes tides to be _____________.
   a. higher than usual
   b. lower than usual
   c. the same as usual

10. The word “equinox” comes from the Latin words for _____________.
    a. “beginning of fall”
    b. “equal night”
    c. “time of the horse”