### SEASONS

**Session 7: Tilt and Day Length**

**I. Collect Data: Total hours of daylight around the world**

| A. The Northern Hemisphere is tilted _________ the Sun.  
  | \(<\text{toward} / \text{away from}>\) |
|---|---|
| B. A place that spends this entire day in darkness (never sees the Sun) is _________.
  | This place is in the _________ Hemisphere, close to the _________.
  | \(<\text{Northern} / \text{Southern}>\) \(<\text{North Pole} / \text{South Pole} / \text{Equator}>\) |
| C. A place that spends less time in daylight than darkness is _________.
  | This place is in the _________ Hemisphere, which is tilted _________ the Sun.
  | \(<\text{Northern} / \text{Southern}>\) \(<\text{toward} / \text{away from}>\) |
| D. The Northern Hemisphere is tilted _________ the Sun.  
  | \(<\text{toward} / \text{away from}>\) |
| E. A place that spends more time in daylight than darkness is _________.
  | This place is in the _________ Hemisphere, which is tilted _________ the Sun.
  | \(<\text{Northern} / \text{Southern}>\) \(<\text{toward} / \text{away from}>\) |
| F. A place that spends the same amount of time in daylight as darkness is _________.
  | This place is located near the _________.
  | \(<\text{North Pole} / \text{South Pole} / \text{Equator}>\) |
| G. A place that spends the entire day in daylight (never sees the Sun set) is _________.

| H. Barrow, Alaska spends _________ time in daylight than darkness.  
  | \(<\text{more} / \text{the same amount of} / \text{less}>\) |
|---|---|
| I. Puerto Montt, Chile spends _________ time in daylight than darkness.  
  | \(<\text{more} / \text{the same amount of} / \text{less}>\) |
2. Compare
   
   A. When the Northern Hemisphere is tilted toward the Sun, the Southern Hemisphere is tilted ____________________ the Sun.
      < toward / away from >

   B. Cities in the hemisphere tilted toward the Sun have ____________________ hours of daylight than darkness.
      < more / the same amount of / fewer >

   C. Cities in the hemisphere tilted away from the Sun have ____________________ hours of daylight than darkness.
      < more / the same amount of / fewer >

   D. Some places on Earth have roughly equal amounts of daylight and darkness every day of the year. These places are close to the ____________________ .
      < Equator / Poles >

   E. There are places on Earth where on certain days of the year, the Sun never rises or never sets for an entire day. These places are close to the ____________________ .
      < Equator / Poles >

   F. On September 21 and March 21, the total hours of daylight are ____________________ the total hours of darkness everywhere on Earth.
      < more than / the same as / fewer than >

      These dates are known as the ____________________ .