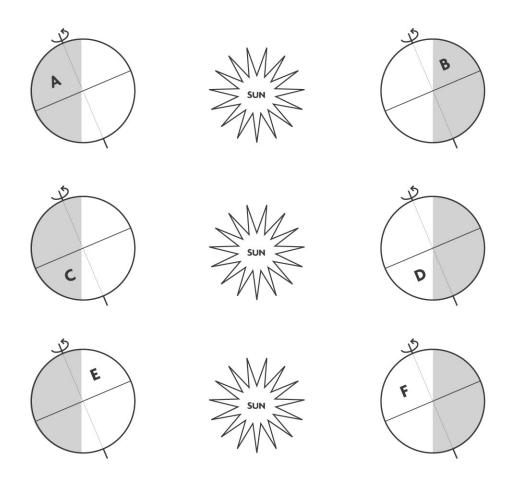
Astronomy Ranking Task: The Seasons

Exercise #4

Description: In the figure below six different locations (A - F) on Earth are shown during a particular time of the year. Note that each location is the same distance away from the equator.



A. Ranking Instructions: Rank the time it takes (from longest to shortest) for each location (A - F) to complete one full rotation.

Ranking Order: Longest time 1 ____ 2 ___ 3 ___ 4 ___ 5 ___ 6 ___ Shortest time

Or, the time it takes each location to make one full rotation is the same. _____ (indicate with check mark).

Carefully explain your reasoning for ranking this way:	
B. Ranking Instructions: Rank the time (from longest to shortest) that each local daylight during each 24 hour period.	tion spends in
Ranking Order: Longest time 1 2 3 4 5 6 time.	_ Shortest
Or, the time each location spends in daylight is the same (indicate with	check mark).
Carefully explain your reasoning for ranking this way:	
C. Ranking Instructions: Imagine that you placed identical glasses of water at ea (A - F). Rank the highest temperature (from coolest to hottest) a glass of water wo during a 24 hour period at each location.	
Ranking Order: Coolest 1 2 3 4 5 6 Ho	ottest
Or, the temperature of each glass of water would be the same (indicate mark).	with check
Carefully explain your reasoning for ranking this way:	