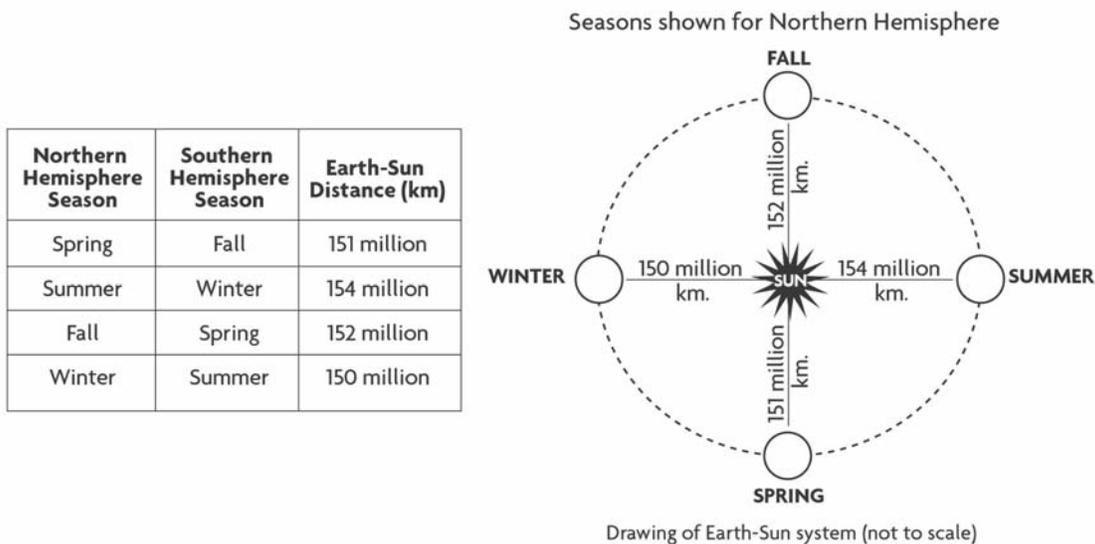


Astronomy Ranking Task: The Seasons

Exercise #1

Description: The figure below shows the Earth in its nearly (but not quite) circular orbit around the Sun, and the Earth-Sun distance for each season.



A. Ranking Instructions: For a person in the Northern Hemisphere, rank the Earth-Sun distance (from greatest to least) by season. (Use season names.)

Ranking Order: Greatest distance 1 _____ 2 _____ 3 _____ 4 _____ Least distance

Or, the Earth-Sun distance at any season is the same. _____ (indicate with check mark).

Carefully explain your reasoning for ranking this way:

B. Ranking Instructions: For a person in the Southern Hemisphere, rank the seasons (naming the seasons) by distance from the Sun (from greatest to least).

Ranking Order: Greatest distance 1 _____ 2 _____ 3 _____ 4 _____ Least distance

Or, the Earth-Sun distance at any season is the same. _____ (indicate with check mark).

Carefully explain your reasoning for ranking this way:
