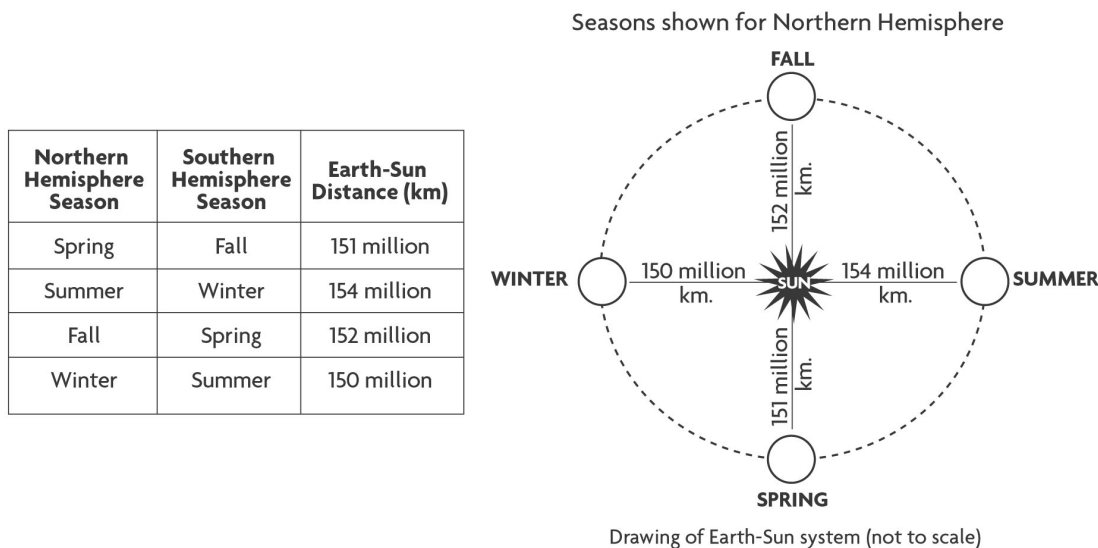


# Astronomy Ranking Task: The Seasons

## 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:

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**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:

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