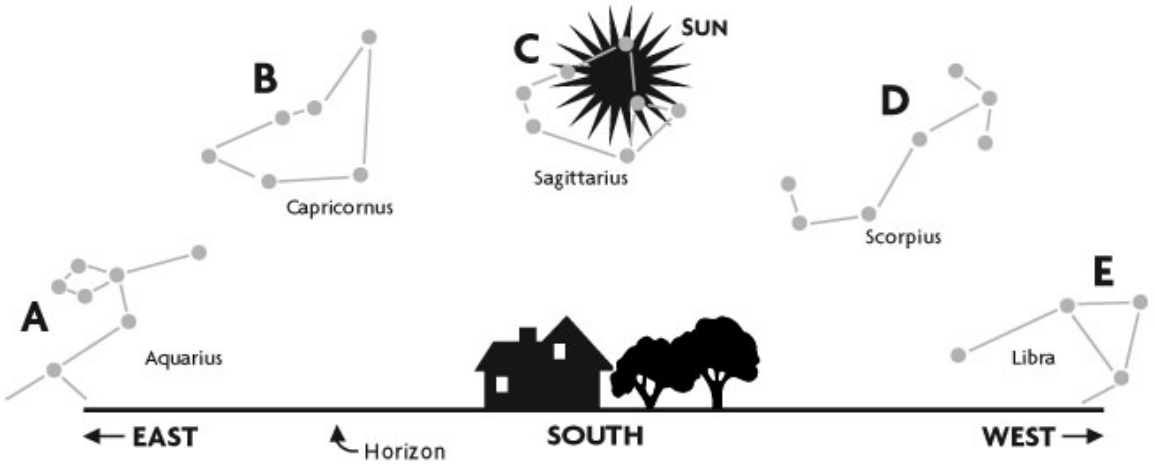
# Astronomy Ranking Task:
# Motion of the Sky

## Exercise #4

**Description:** If you could see both the Sun and the other stars during the day, this is what the sky would look like looking south at noon on January 1 for an observer in the northern hemisphere. The Sun would appear in the sky next to the more distant stars in the constellation Sagittarius, (labeled constellation C). Also shown are other constellations (named and labeled A, B, D, and E) that will be visible above the horizon at this time when facing south.




**Ranking Instructions:** Rank the constellations (A - E) in the order that they will be located from highest in the sky to farthest below the horizon, 6 hours after the time shown.

**Ranking Order:**

Highest in sky 1 ___ 2 ____ 3 ____ 4 ____ 5 ____ Farthest below horizon.

Or, all will remain at the locations shown above 6 hours later. _____ (indicate with check mark)

**Carefully explain** your reasoning for ranking this way:

_____
_____
_____
_____

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