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## Exercise E4: The Zodiac and Astronomy's Astrological Roots

Student name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

*Check the box with the correct answer.*

**Question 1:** The Sun is in Sagittarius during what time span?

- a. November 23 to December 21
- b. December 21 to January 20
- c. December 18 to January 20
- d. November 30 to January 20

**Question 2:** How well do astrologers' dates agree with Starry Night's dates for the passage of the Sun through Sagittarius?

- a. The two date ranges agree closely.
- b. The two date ranges disagree by about one month.
- c. The two date ranges vary by only three days.
- d. The two date ranges vary by one week.

**Question 3:** How closely do the dates of the Sun's passage through Leo in the year 1 AD match with astrologers' Sun sign dates?

- a. The two date ranges agree closely.
- b. The two date ranges disagree by about one month.
- c. The two date ranges vary by 10 days.
- d. The two date ranges vary by 7 days.

**Question 4:** How closely do the dates of the Sun's passage through Capricorn in the year 2000 BC match with astrologers' Sun sign dates?

- a. The two date ranges disagree by about one month.
- b. The two date ranges disagree by about two days.
- c. The two date ranges disagree by about twelve days.
- d. The two date ranges agree closely.

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**Question 5:** From this comparison of the Sun's positions against the background stars over a span of 4000 years, when were/are astrological Sun sign positions accurate?

- a. They were accurate 4000 years ago.
- b. They were accurate 2000 years ago.
- c. They were accurate 1000 years ago.
- d. They are accurate now.

**Question 6:** The vernal equinox is presently in the constellation Pisces. In what constellation was the vernal equinox located in the year 2500 BC?

- a. Gemini
- b. Pisces
- c. Taurus
- d. Aries

**Question 7:** What is this additional constellation through which the Sun now moves?

- a. Libra
- b. Lupus
- c. Scorpius
- d. Ophiuchus

**Question 7:** Astrology has kept pace with our changing knowledge of the sky.

- a. True
- b. False