
Exercise F1: Our Star, the Sun

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: Approximately how long does it take for the Sun to complete one rotation?

- a. 10 days
- b. 16 days
- c. 26 days
- d. 100 days

Question 2: Press the Run Time Forward button and observe the sky's motion. Where on the Sun are you located?

- a. The Sun's equator.
- b. The Sun's north pole.
- c. The Sun's south pole.
- d. The Sun's interior.

Question 3: Use the Angular Separation Tool to measure the distance between the Sun and some of its neighbors. About how far away are our neighboring stars?

- a. Billions to millions of light years away.
- b. Millions to thousands of light years away.
- c. Thousands to hundreds of light years away.
- d. Hundreds to tens of light years away.

Question 4: Sometimes the solar images appear smooth and featureless. What does this tell us about the Sun?

- a. The Sun is at a peak of magnetic activity.
- b. The Sun's magnetic activity is at a very low level.
- c. The imaging systems are not working.
- d. The solar corona is too thick for photospheric details to show.