

Name _____ Date _____

1. Use the words from the box to complete the paragraphs below.

Big Dipper

constellation

axis

Polaris

revolved

rotate

planets

Students gathered in the darkness of the planetarium. The first star pattern they recognized was the _____, which is part of a large _____ called Ursa Major. As the stars moved across the night sky, they appeared to _____ around one star, called _____. This is because this star is located directly above the northern tip of Earth's _____. Special effects in the planetarium allowed the students to see how different constellations looked during each season as Earth _____ around the Sun. They also saw how _____, called "wandering stars" by the ancient Greeks, moved across the sky.

a. What causes different stars to appear in the sky at different times of the year?

b. What makes the stars appear to move from east to west across the night sky?

Please answer questions 1 and 2 from Think and Write It on page B17. Be sure to use complete sentences. Use the back of this paper if you run out of room on the front.