Name:

## ExtraSolar Planets - Student Guide

#### **Background Material**

All background materials and applets for this lab can be found at <a href="http://astro.unl.edu/naap/esp/esp.html">http://astro.unl.edu/naap/esp/esp.html</a>. Complete the following sections after reviewing the background pages entitled Introduction, Doppler Shift, Center of Mass, and ExtraSolar Planet Detection.

Question 1: Label the positions on the star's orbit with the letters corresponding to the labeled positions of the radial velocity curve. Remember, the radial velocity is positive when the star is moving away from the earth and negative when the star is moving towards the earth.



Question 2: Label the positions on the planet's orbit with the letters corresponding to the labeled positions of the radial velocity curve. Hint: the radial velocity in the plot is still that of the star, so for each of the planet positions determine where the star would be and in which direction it would be moving.



# **Extrasolar Planets Lab Student Guide Answers**

**Jicheng Xie** 

**Extrasolar Planets Lab Student Guide Answers:** 

Decoding Extrasolar Planets Lab Student Guide Answers: Revealing the Captivating Potential of Verbal Expression

In an era characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "Extrasolar Planets Lab Student Guide Answers," a mesmerizing literary creation penned by way of a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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