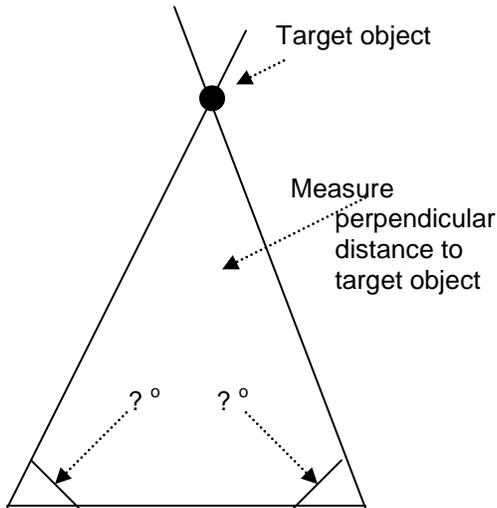


# Space Exploration

Name \_\_\_\_\_

Class \_\_\_\_\_

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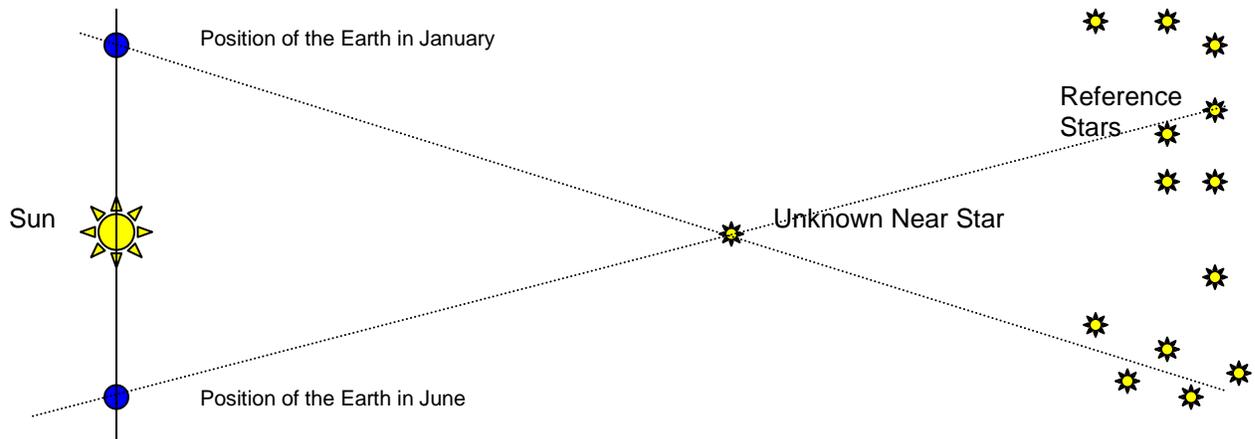


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Solve the following **parallax** problem



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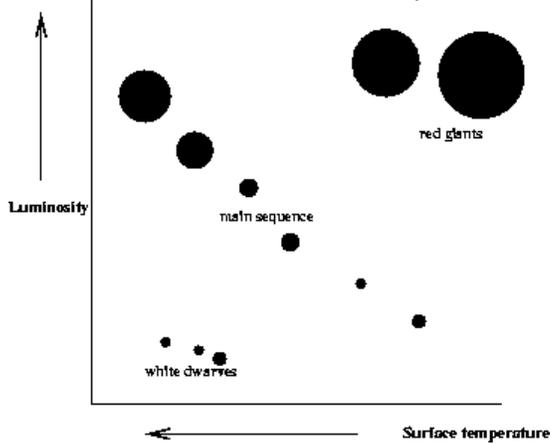
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20. There are several harmful effects to the body when living in microgravity for extended periods of time. Muscles ...
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  - B. expand
  - C. get brittle
  - D. shrink
21. This is how oxygen is produced on the International Space Station.
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  - B. Filtering CO<sub>2</sub>
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## Using Space Technology to Meet Human Needs on Earth

22. **LANDSAT** and **RADARSAT** are satellites that monitor ships at sea, soil quality, track forest fires, report on environmental change & search for natural resources. These satellites are **NOT** in ...
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## Using Technology To See the Visible

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28. Optical telescopes give us information based on visible light. However, objects in space, such as stars and galaxies, also emit many forms of electromagnetic energy. The energy form that has the longest wavelength is ...
- A. infrared
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29. Although **neutral hydrogen** (which makes up a large bulk of matter in space) emits no light, it does emit energy at a specific wavelength. Astronomers are able to map out this neutral hydrogen in our Milky Way galaxy by using these type of telescopes ...
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33. A police officer might pull you over because you were speeding. The officer can prove you were traveling at a certain speed because the radar device that is used sends out a radio signal that reflects off your vehicle. The difference in wavelength is the speed you are traveling. This is a practical everyday application of this scientific principle - the ...
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#### The Risks and Dangers of Space Exploration

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35. A hazard for satellites in space is the Sun. Without adequate protection from a surge of electrically charged particles (a '*coronal mass ejection*' – also called '*solar flares*') this could occur ...
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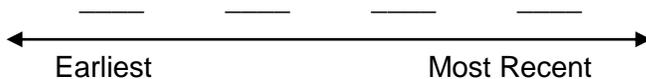
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**Issues Related to Space Exploration**

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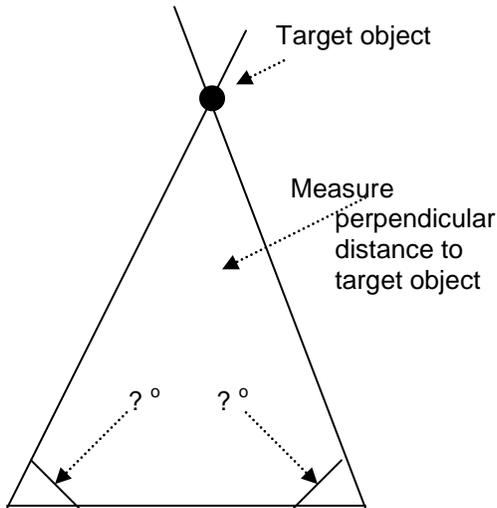
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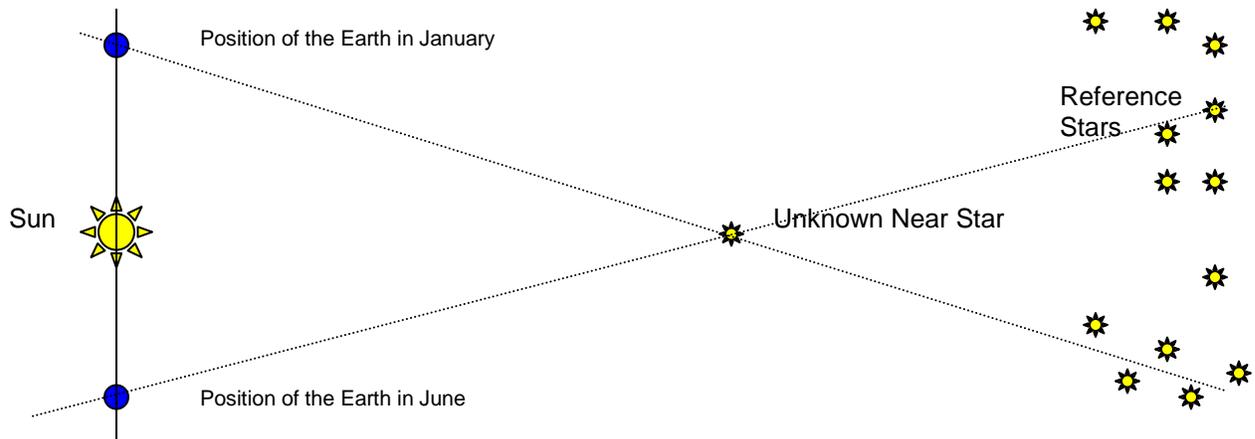


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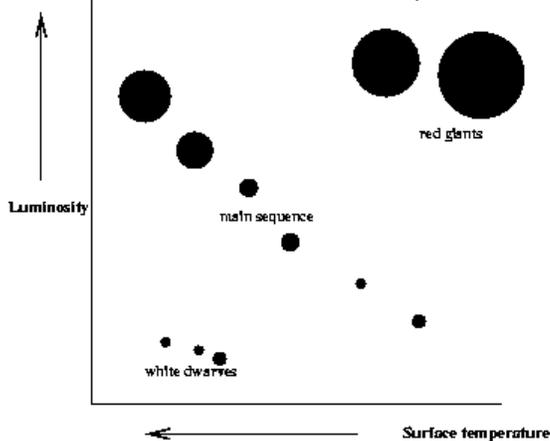
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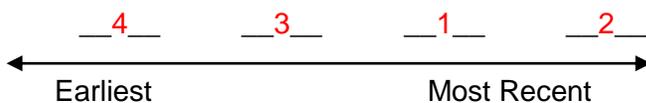
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