



Name _____ Class _____ Date _____

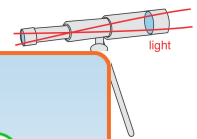
Match each of the following terms to its definition:

- Refracting telescope Reflecting telescope White-dwarf Absolute brightness
 Supernova Supergiant Spectrograph Apparent magnitude

1. _____ - reflecting telescopes use mirrors to gather and focus the light from an object at a distance from the observer



2. _____ - refracting telescopes use lenses to gather and focus light from an object at a distance from the observer



3. _____
emitted light



4. _____

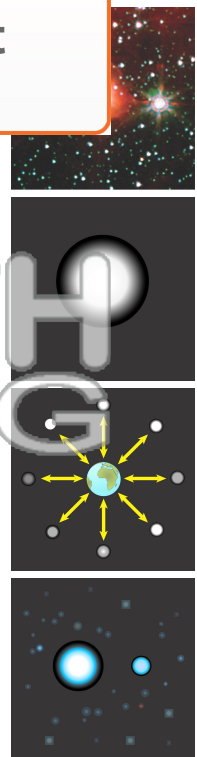
PREVIEW

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6. _____ - a small, very dense hot star that it is in the last stage of evolution of a star

7. _____ - a measure of the actual brightness of a star

8. _____ - a description of the appearance of the brightness of a star as viewed from Earth





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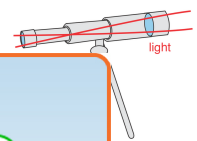
Match each of the following terms to its definition:

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1. **reflecting telescope** - reflecting telescopes use mirrors to gather and focus the light from an object at a distance from the observer



2. **refracting telescope** - refracting telescopes use lenses to gather and focus light from an object at a distance from the observer



3. **spectrograph** - a device that is used to observe and measure spectra of light emitted by an object



4. **supergiant** - a very large star that is in the final stages of its life

5. **supernova** - a very bright explosion that occurs at the end of a star's life

PREVIEW

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6. **white-dwarf** - a small, very dense hot star that it is in the last stage of evolution of a star

7. **absolute brightness** - a measure of the actual brightness of a star

8. **apparent magnitude** - a description of the appearance of the brightness of a star as viewed from Earth

