

## CHAPTER REVIEW

# Chapter 20

## Stars and Galaxies

### I. Vocabulary Review

Match each item in Column I with the most appropriate item in Column II. Write the letter for that item in the blank at the left.

Column I	Column II
_____ 1. a large group of stars, dust, and gas	<b>a.</b> light-year
_____ 2. a large cloud of gas and dust in which a star forms	<b>b.</b> star
_____ 3. the distance light travels in a year	<b>c.</b> galaxy
_____ 4. an exploding star	<b>d.</b> Local Group
_____ 5. a cool, dark area on the sun's surface	<b>e.</b> spiral
_____ 6. the galaxy that includes Earth	<b>f.</b> supernova
_____ 7. football-shaped galaxy	<b>g.</b> Milky Way
_____ 8. a hot, glowing sphere of gas that produces energy by fusion	<b>h.</b> nebula
_____ 9. galaxy that has arms that curve outward	<b>i.</b> sunspot
_____ 10. cluster to which Milky Way belongs	<b>j.</b> elliptical

### II. Concept Review

Answer the following questions in complete sentences.

11. Compare the actual brightness of a star with its apparent brightness. \_\_\_\_\_

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12. Contrast the sun's beneficial effects on Earth with its harmful effects. \_\_\_\_\_

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13. How is a star's color related to its temperature? \_\_\_\_\_

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### Chapter Review 20 (continued)

14. How are sunspots, prominences, and flares related? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

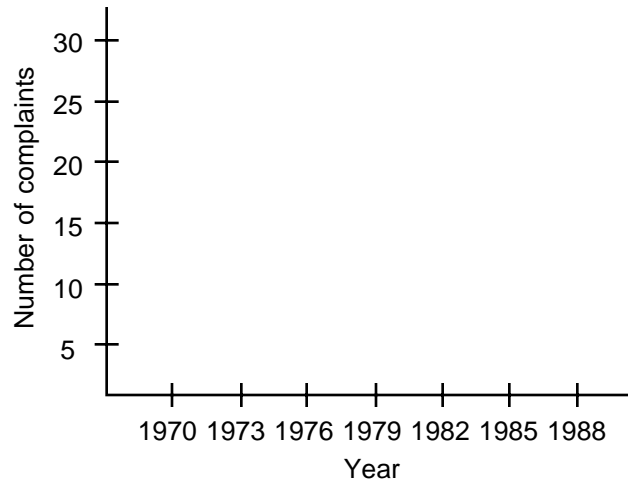
15. Describe the Milky Way Galaxy. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### III. Skills/Process Review

Answer the following questions in the spaces provided.

16. The manager of radio station WSUN kept records over the years of complaints from listeners about poor reception. Plot the data from the table onto the graph. Draw a line connecting the points.

Year	Number of complaints
1970	25
1973	10
1976	5
1979	30
1982	26
1985	6
1988	22



17. From the graph, what inference could you draw about radio reception? \_\_\_\_\_  
 \_\_\_\_\_

### IV. EYV Review

18. Science and Society: A Look at Light Pollution Why do some people think light is a form of pollution? \_\_\_\_\_  
 \_\_\_\_\_  
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