lame	Class	Date
Directed	Directed Reading A continued	
Match the corovided.	Match the correct description with the correct term. Write the letter in the space vrovided.	n. Write the letter in the space
15. t	15. top of modern H-R diagram	a. hot (blue) stars
16. 1	16. bottom of modern H-R diagram	b. bright stars
17.1	17. right side of modern H-R diagram	d. dim stars.
18.1	18. left side of modern H-R diagram	
9. Place th red gian	19, Place these stars in order from earliest in life cycle to oldest in life cycle: red glant, white dwarf, main-sequence star.	cycle to oldest in life cycle:
20. As they age, H-R diagram.		stars move up and to the right on an
n-n cua	grain.	
Match the corovided.	Watch the correct description with the correct term. Write the letter in the space provided.	m. Write the letter in the space
21.	21. stars with low mass, low tempera-	a. massive blue stars
_	ture, and low absolute magnitude	b. white dwarf stars
22.	22. small hot stars that are dimmer	c. main-sequence stars
	than the sun	d. red dwarf stars
23.1	 high-temperature stars that quickly use up their hydrogen 	e. red giant stars
24.	24. cool stars with absolute magnitude	
25. :	25. stars in the band that runs along the middle of the H-R diagram	

29. Sometimes the leftovers of a supernova collapse to form a(n)

28. A rapidly spinning neutron star is called a(n) -

27. A star that has collapsed under gravity is called a(n)

26. Which one of the following statements is NOT true of supernovas?
a. They are explosions in which a massive star collapses.
b. They are explosions that occur at the beginning of a blue star's life.
c. They can be brighter than an entire galaxy for several days.
d. They are explosions in which a star throws its outer layers into space.

Name

Class.

Date__

Directed Reading A continued

WHEN STARS GET OLD

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00	nston. All rights reserved.	, which does not give off light.
Stars, Galaxies, and the		e off light.

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Stars, Galaxies, and the Universe

Stars, Galaxies, and the Universe