		Ked
		Name:
)	1.	What process gives stars their energy?  Nuclear Fusion
	2.	What is a star's main fuel?  Hydrogen
	3.	What new substance is produced inside a star when that fuel is used up?  Hehme
	4.	Put these star life stages in order, from earliest to latest:  2 7 4 6  Planetary Nebula, Main Sequence Star, Protostar, Black Divarr, Nébula, Récigiant, White Dwarr,
)	5.	Describe the source(s) of energy for each of these stages in a star's life:  a. Red giant Africago and Heliam Fusing  b. White dwarf 6 cavitational Compression
	6.	a. How is a star's temperature related to its mass?
		More mass => hotter less Mass => coole  b. Explain why a star's temperature is related to its mass in this way.  More mass means stronger gravity,  which means more compression.  List the common star colors from hottest to coolest.
	HoHe.	st-Blue white yellow red
	8.	It sinks to the center, because
		its more dense than hydrogen

9.	When our Sun becomes a red giant why will it turn red?	
	The surface gets cooler	
10.	When our Sun becomes a red giant why will it get bigger?	
	The core heats up. Gas pressure	
	The core heats up. Gas pressure pushes the outer layers outwar surface	ol.
11.	a. When our sun becomes a white dwarr, what will happen to fis temperature?	
	Heatsup [It horns from red] to white	
	b. Why will that happen to its temperature?	
	Gravity compresses it	
12.	Approximately how old is the Sun?	
	4.6 billion years	0
13.	Approximately how many years does the Sun have before it turns into a red giant?	
	Ebillian was to	

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