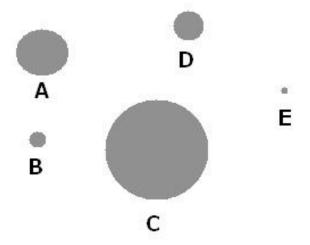
Astronomy Ranking Task: Star Evolution

Exercise #1

Description: The figures below show main sequence stars of various sizes.



) Ranking Instructions: Rank, from least to most, the mass of the stars:	
Ranking Order: Least 1 2 3 4 5 Most	
All the stars would have the same mass: (indicate with check ma	rk).
Carefully explain your reasoning for ranking this way:	
Ranking Instructions: Rank, form hottest to coolest, the temperature of	the stars:
Ranking Instructions: Rank, form hottest to coolest, the temperature of Ranking Order: Hottest 1 2 3 4 5 Coolest	the stars:

C)	Ranking Instructions: Rank, from greatest to least, the luminosity of the stars:		
	Ranking Order: Greatest 1 2 3 4 5 Least		
-	All the stars would have the same luminosity: (indicate with check mark).		
,	Carefully explain your reasoning for ranking this way:		
-	Ranking Instructions: Rank, form longest to shortest, the total main sequence lifetime of the stars:		
	Ranking Order: Longest 1 2 3 4 5 Shortest		
	All the stars would have the same main sequence lifetime: (indicate with check mark).		
	Carefully explain your reasoning for ranking this way:		