

Answer Form
Theoretical Problem No. 3
Why are stars so large?

1) A first, classic estimate of the temperature at the center of the stars.

1a		1.5
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2) Finding that the previous temperature estimate is wrong.

2a		0.5
2b		0.5
2c		0.5
2d		0.5

3) A quantum mechanical estimate of the temperature at the center of the stars

3a		1.0
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3b		0.5
3c		0.5

4) *The mass/radius ratio of the stars.*

4a		0.5
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5) *The mass and radius of the smallest star.*

5a		0.5
5b		0.5
5c		1.5
5d		0.5
5e		0.5

6) *Fusing helium nuclei in older stars.*

6a		0.5
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