

Answer Form
Theoretical Problem No. 1
Evolution of the Earth-Moon System

1. Conservation of Angular Momentum

1a		0.2
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1b		0.2
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1c		0.3
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2. Final Separation and Angular Frequency of the Earth-Moon System.

2a		0.2
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2b		0.5
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2c		0.5
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2d		0.5
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2e		0.2
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2f		0.2
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2g		0.3
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2h		0.3
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2i		0.2
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3. How much is the Moon receding per year?

3a		0.4
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3b		0.4
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3c		0.4
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3d		0.4
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3e		1.0
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3f		0.5
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3g		1.0
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3h		1.0
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4. Where is the energy going?

4a		0.4
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4b		0.4
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4c		0.2
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4d		0.3
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