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Question: A train is coasting around a large circular track. It is then switched to a smaller circular track. How does its speed change? Assume no friction, and assume the train is a point mass

A1: It stays the same (90%)

A2: It's unclear (30% stays the same, 70% other)

Arguments for A1

Arguments for A2

No arguments

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Question: If the energy of the train doesn't change, will its speed stay the same?

A1: Yes (95%)

A2: Yes (30%)

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Question: Does the energy of the train change?

A1: No (95%)

A2: No (75%)