

0 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

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

A1: Yes (95%)

A2: Yes (60%)

2 Question: Does the energy of the train change?

A1: No (95%)

A2: No (50%)