Beth:H Chris:D switch

Judge View | Tree View | List of Debates | Hide notes | Side: None | Phase: **Make Argument** Remaining: **10:00**

At root

0 Q (H): 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

H: The speed stays the same (95% confidence)

D: The speed probably doesn't stay the same (90% confidence)

Notes: Depth: 4, 4+?

Q: Does the translational kinetic energy of the cart stay the same?

H: Yes (96% confidence)

D: No (85% confidence)

1 Payment: H D None Recurse

Notes: Depth: 3, 3+?, 1+?

Q: Can we think of the cart at first as moving without rotation in a rotating reference frame?

H:

D: Yes

2 Payment: H D None Recurse

Notes:

Q: If the translational kinetic energy of the cart stays the same, will its speed stay the same?

H: Yes (99% confidence)

D: Yes (95% confidence)

3 Payment: H D None Recurse

Notes: