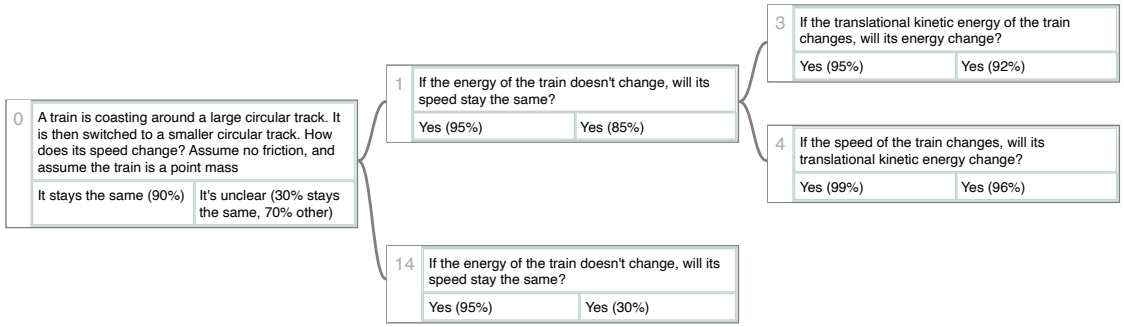
0
A train is coasting around a large circular track. It is then switched to a smaller circular track. How does its speed change? Assume no friction, and assume the train is a point mass
It stays the same (90%)
It's unclear (30% stays the same, 70% other)
1
If the energy of the train doesn't change, will its speed stay the same?
Yes (95%)
Yes (85%)
3
If the translational kinetic energy of the train changes, will its energy change?
Yes (95%)
Yes (92%)
4
If the speed of the train changes, will its translational kinetic energy change?
Yes (99%)
Yes (96%)
14
If the energy of the train doesn't change, will its speed stay the same?
Yes (95%)
Yes (30%)