

Kevin <> ANONYMOUS TROLL AISF debate

[Judge View](#)

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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?

H

It slows down

D

IT GETS FASTER

Notes

Q

Is energy conserved?

H

Yes

D

I'M NOT SURE, IS

1

Payment:

H

D

None

Recurse

Notes

Q

BY THE LAW OF ANGULAR MOMENTUM, ISN'T MOMENTUM CONSERVED?

H

No

D

YES!

3

Payment:

H

D

None

Recurse

Notes

Q

If energy is conserved, does the speed of the train

H

Yes

D

PERHAPS

2

Payment:

H

D

None

Recurse

Notes

Q

IF MOMENTUM IS CONSERVED, SINCE $MOMENTUM = MASS * VELOCITY * RADIUS$,

H

Yes

D

YES

4

Payment:

H

D

None

Recurse

Notes