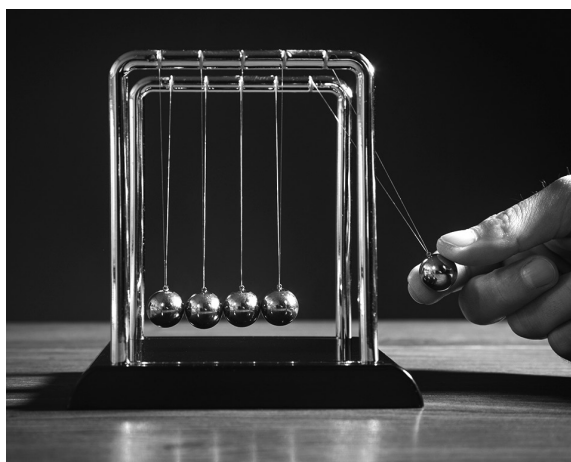


3. A Newton's Cradle is a popular desk ornament.



The ball at the end is raised and then released, striking the closest of the four stationary balls.

A force is transmitted through the stationary balls, which causes the ball at the opposite end to swing upwards.

This ball then swings back and strikes the stationary balls from the opposite direction and the process repeats.

A physics teacher states 'a Newton's Cradle can be used to demonstrate a number of physics principles.'

Using your knowledge of physics, comment on this statement.

3

