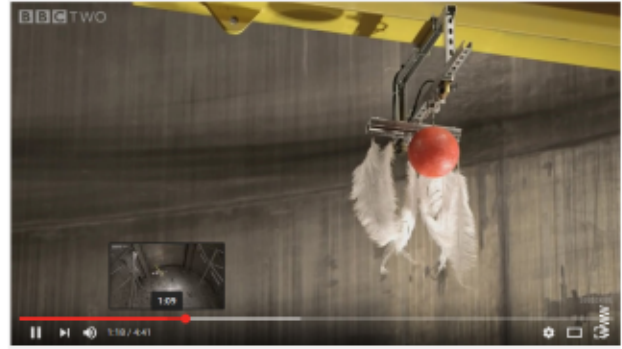


Bryan Cox gravity video activity



Brian Cox visits the world's biggest vacuum chamber - Human Universe: Episode 4 Preview - BBC Two.



Brian Cox visits the world's biggest vacuum chamber - Human Universe: Episode 4 Preview - BBC Two.

Instructions

View Bryan Cox gravity video

See <https://www.youtube.com/watch?v=E43-CfukEgs>

Questions

1. In first experiment, the chamber was at normal air conditions, what fell to the ground slowest, the heavy bowling ball or the light feathers?
2. What was the reason one fell slower than the other?
3. What force is acting on both the falling objects?
4. In the second experiment, what did they pump out of the vacuum chamber to make it the same conditions as outer space?
5. In the second experiment, which object fell to the ground slowest, the heavy bowling ball or the light feathers?
6. Why did this happen?