

Collisions

8.01

Week 07D2

Next Reading Assignment: W07D3

Quiz 5: Energy

Concept Question: Choice of system

Drop a stone from the top of a high cliff. Consider the earth and the stone as a system. As the stone falls, the momentum of the system

1. increases in the downward direction.
2. decreases in the downward direction.
3. stays the same.
4. not enough information to decide.