



Name: _____

Date: ___ / ___ / ___ Period ___ Room ___

BNSG
0217

Momentum



While watching, complete this video guide.

Three things I knew
that were confirmed in
the video:

A- _____

B- _____

C- _____

Three things I didn't know
but I now know because I
watched the video.

A- _____

B- _____

C- _____

- ___ Δ 1. Whenever an object is _____ it has momentum.
- ___ Δ 2. When two things run into each other, momentum is absorbed / transfers from one to the other.
- ___ Δ 3. The faster something is traveling, the more it weighs, and the more mass it has, the _____ of its momentum will transfer.
- ___ Δ 4. In a truck experiment, the momentum transferred was the _____ with or without the wall.
- ___ Δ 5. If you are not moving, then you have zero / maximum momentum.
- ___ Δ 6. In a rocket, the momentum of the hot fuel going one way _____ the momentum of the rocket going the other.
- ___ Δ 7. Less / the same momentum is transferred when an object explodes then when it bounces.
- ___ Δ 8. Momentum can be transferred when an object is going any _____.
- ___ Δ 9. Momentum primarily depends on how fast something is moving and how much it _____.
- ___ Δ 10. A moving ping-pong ball tends to have less / more momentum than a moving bowling ball.
- ___ Δ 11. While you are in a moving car, you and the car / only you have momentum.
- ___ Δ 12. The purpose of a seatbelt is to _____ you from moving.
- ___ Δ 13. Momentum can / cannot be transferred through a stationary object.
- ___ Δ 14. When one thing crashes into something else, momentum can _____.
- ___ Δ 15. The _____ something is pushed, the farther it will go.