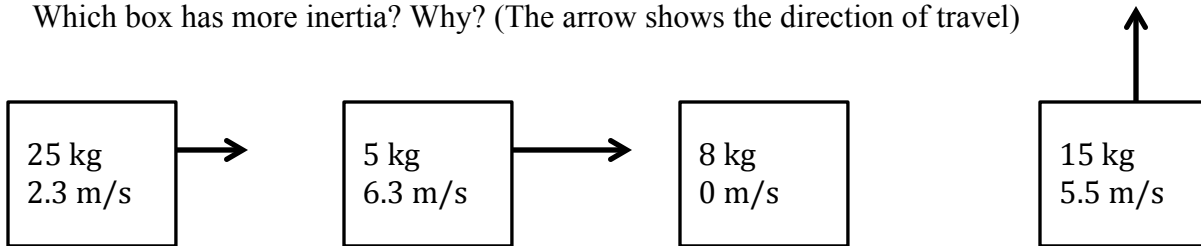


Honors Physics A
N1L Quiz 1

1. Which box has more inertia? Why? (The arrow shows the direction of travel)



2. Which is more difficult to stop – a loaded semi tractor-trailer or a subcompact car? Why?

3. You are in your car, standing still at a traffic light.
a) What happens to your car if it is hit from behind by another?

b) What happens to your body?

c) What happens to your head if it is higher than your car's seat? (This causes a condition called whiplash. Car headrests help to prevent this – How?)