

Quiz #6

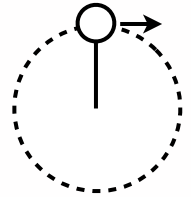
1. What is the N3L force twin to the normal force that pushes upward on the book?

- A) the normal force on the table**
B) the weight of the book **C) neither of these**



2. A rock on a string is swung in a vertical circle.
When is the tension in the rope greater?

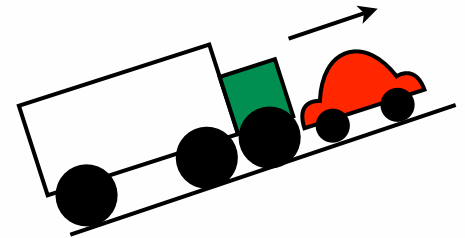
- A) at the top** **B) at the bottom** **C) both the same**



A truck is pushing a car up a road.

3. Which is larger?

- A) the force of the truck on the car**
B) the force of the car on the truck **C) both the same**

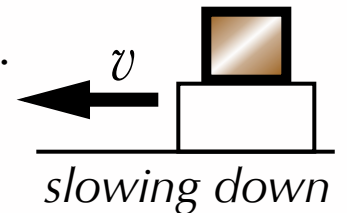


4. The force on the truck due to the car

- A) points up the hill** **B) points down the hill** **C) is zero**

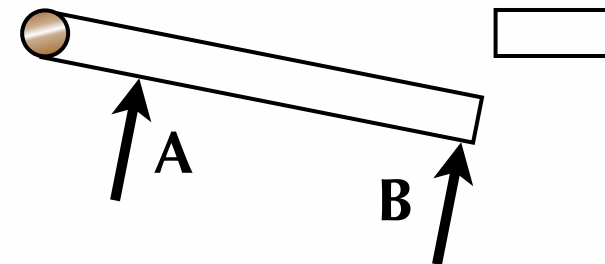
5. Two stacked blocks are sliding along the ground to the left, and *slowing down*.
The static frictional force on the top block

- A) points to the left** **B) points to the right** **C) is zero**



6. This is the top view of a door on a hinge. Which force exerts the greater torque?

- A) A** **B) B** **C) Both the same**



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ABCBBB

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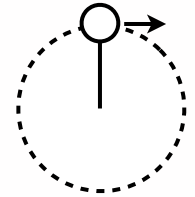
C) neither of these

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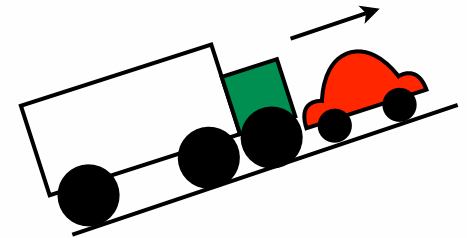
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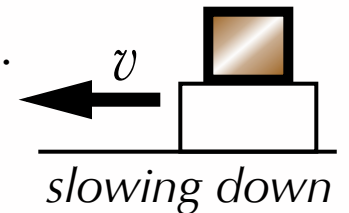
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