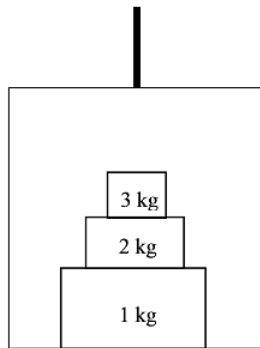


## I-77

Below are three blocks stacked on top of each other inside of an elevator moving upward at increasing speed. Rank the magnitude of the forces referred to below from largest to smallest.



- A** The force of the 3 kg block on the 2 kg block
- B** The force of the 2 kg block on the 3 kg block
- C** The force of the 3 kg block on the 1 kg block
- D** The force of the 1 kg block on the 3 kg block
- E** The force of the 2 kg block on the 1 kg block
- F** The force of the 1 kg block on the 2 kg block
- G** The force of the 1 kg block on the floor of the elevator
- H** The force of the floor of the elevator on the 1 kg block

Largest 1. \_\_\_\_ 2. \_\_\_\_ 3. \_\_\_\_ 4. \_\_\_\_ 5. \_\_\_\_ 6. \_\_\_\_ Smallest

\_\_\_\_ The ranking can not be determined based on the information provided.

Explain the reason for your ranking:

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