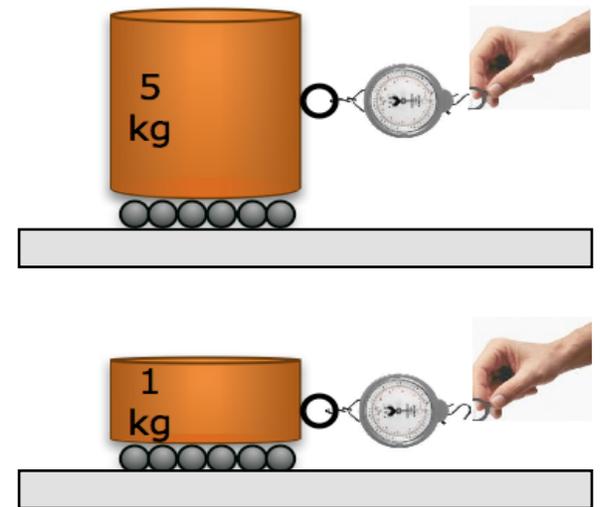


You are pulling two blocks along a table with the same (constant) acceleration.  
Which requires a larger force?



- A. The 1 kg weight block
- B. The 5 kg weight block
- C. They require the same force.
- D. There is not enough information to tell.



If I drop a light object (a wooden ball) and a heavy object (a steel ball) from 4 m, which will hit the ground first?



- A. The light one (by a lot)
- B. The heavy one (by a lot)
- C. About the same
- D. You can't tell from the information given.

If I drop a light object (a paper ball) and a heavy object (a steel ball) from 4 m, which will hit the ground first?



- A. The light one (by a lot)
- B. The heavy one (by a lot)
- C. About the same
- D. You can't tell from the information given.

The professor drops two spheres, one of 1 kg, the other of 5 kg. They hit the ground at (almost) exactly the same time. The force of gravity on the 5 kg weight is:



- A. Greater than the force on the 1 kg weight
- B. Less than the force on the 1 kg weight
- C. Almost the same as the force on the 1 kg weight.
- D. There is not enough information to tell.

# Which ball will hit first?



1. The shot one
2. The dropped one
3. They'll hit at the same time
4. You can't tell from the information given.

