You are pulling two weights along a table with equal force. Which one would speed up faster?

1. The 1 kg weight
2. The 5 kg weight
3. The would speed up the same way.
4. There is not enough information to tell.
The prof drops two metal spheres, one of \( \frac{1}{2} \) kg, the other of 2 kg. They hit the ground at (almost) exactly the same time. Which of the following statements is true?

1. The force of gravity on the 2 kg weight is greater than the force on the \( \frac{1}{2} \) kg weight
2. The force of gravity on the 2 kg weight is less than the force on the \( \frac{1}{2} \) kg weight
3. The force of gravity on the 2 kg weight is the same as the force on the \( \frac{1}{2} \) kg weight.
4. There is not enough information to tell.
Coherence

See if you drop a Great Dane and a Dachshund at the same time, they fall at the same rate.

Wow that Newton guy was smart.