

HW 1-1)

Two small objects (same mass, same charge) are placed near each other (and far from anything else!) and simultaneously released. Each experiences an acceleration.

- A) What can you say about their accelerations in the moment after release?
- B) Suppose one of the objects were held in place while the other is released. What can you say about each object's acceleration in the moment after release?
- C) Suppose one object had three times the charge of the other, and they are both released. What can you say about each object's acceleration in the moment after release?