

Does a Ball Accelerate When It Falls?
Physics

Name _____
1 2 3 4 5 6 7 8

Two common misconceptions:

- When you drop a ball, it falls at a constant speed.
- When you drop two different balls, the heavy one will hit the ground first.

These are both false!

Today in class, you will prove these are both wrong by doing the following:

1. Using either the “Technique” app or the “Vernier Video Physics” app on your iPad, record and annotate video of the simultaneous drop of a heavy and a light ball.
2. Use the “Educreations” app on your iPad to create a short (<60 seconds) video demonstrating that the two misconceptions are false.