

## Pre-lab 2:

Your name:

ID#:

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1. Consider a ball of mass 0.050 kg release from 0.85 m height, what velocity does the ball will attain when it hits the floor?
2. In a bouncing ball lab experiment what do you expect about the bounce height of the ball?
3. Without air resistance, the ball is still not be able to bounce to its original drop height, why?
4. Name some factors that would affect the bounce height.