HIP 9 Fall 2018

A pumpkin was dropped from a balcony of a skyscraper. The pumpkin happened to land on a sidewalk force sensor and the below data was collected. After collecting all of the pumpkin gore, you determine that the pumpkin was 2.7kg in mass.

1. From what height was the pumpkin dropped?
2. From what floor of the skyscraper was the pumpkin probably dropped?