

What Happens When You Drop Two Objects of Unequal Mass?

Student Name _____

Who: Do this with one of your parents (or both!). If your parents are not at home tonight or tomorrow night you can do this assignment with a neighbor or family friend, but they must be over 30 years old (it cannot be a coach or teacher at this school).

What: Ask them the following questions and see what they say. If they do not know the answer you must explain the answer. Have **them write the correct answer** on this sheet.

Questions:

1. If I hold two objects of two different mass is the pull of gravity on them the same or different?
2. If the pull of gravity is different, which was experiences the greater pull of gravity?
3. If I drop them at the same time, what will happen?
4. Even though the force of gravity is different on the two objects why do they fall at the same rate?

Person Who Answered These Questions: Print Name: _____

Sign Name: _____