

# First, a quick review of (intro to?) Newton's Laws...

1. If  $\sum F = 0$ , then  $v$  is zero or constant.    2.  $\sum F = ma$     3.  $F_{1 \rightarrow 2} = -F_{2 \rightarrow 1}$

1) Since this movie takes place in a unique place where there is no air resistance and little friction, use at least a total of 2 of Newton's Laws to describe at least 4 examples of them clearly dictating or creating motion you see in the story.

1.

2.

3.

4.

2) In Mr. S's opinion, some unnecessarily critical people used some principles of physics and space exploration to point out that certain events in this story were improbable, impossible and not true to the laws of physics. *Describe at least two of these unlikely events/situations you would guess that they cited in their critiques.*

1.

2.