**“Section A: Impulse”**

**“Section B: Impulse- MomentumTheorem”**

1. [“The Physics Classroom”](http://www.physicsclassroom.com/class/momentum/Lesson-1/Momentum-and-Impulse-Connection)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Situation #** | **Force**(N) | **Time**(s) | **Impulse**($N∙s$) | **Change in Momentum**$$\left(\frac{kg∙m}{s}\right)$$ | **Mass**(kg) | **Change in Velocity**$$\left(^{m}/\_{s}\right)$$ |
| 1 |  | 0.010 |  |  | 10 | -4.0 |
| 3 |  | 0.010 |  | -200 | 50 |  |
| 5 | -200 | 1.0 |  |  | 50 |  |

 **“Section C:** [**Video**](https://www.youtube.com/watch?v=7RSUjxiZnME) **Analysis”**

**“Section D:** [**Momentum-Impulse Game**](http://phet.colorado.edu/en/simulation/collision-lab) **Challenge”**

**“Part I”**

**“Part II”**