

Newton's Laws of Motion Student Study Guide

Fill in the blanks as the teacher goes over the laws of motion on a PowerPoint presentation.

Sir Isaac Newton

- Born Jan. 4, 1643 in _____.
- As a young student he _____ do well in school.
- He worked hard and continued his education.
- Later in life he enjoyed learning and contributed ideas that became _____ to the science and math world.

Newton's First Law of Motion

- "An _____ at rest tends to stay at _____ and an object in _____ tends to _____ in motion with the same _____ and in the same _____ unless acted upon an outside _____."

Newton's Second Law of Motion

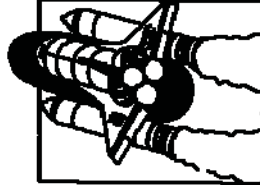
$F = ma$
Net force _____ = _____ of an object x _____

Newton's Third Law of Motion

- "For every _____, there is an _____ / and opposite _____."

Draw in the arrows that represent reaction and action.

Reaction



Action

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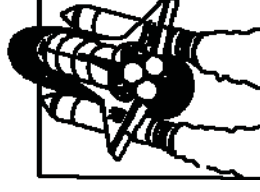
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