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Newton's laws of motion

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|  |  |  | 5 |  |  |  | 6 |  |  |  |  |  |  |  |
|  | 7 |  |  |  |  |  |  |  | 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **1.** Strength or energy as an attribute of physical action or movment  **3.** the force that pulls on object and causes acceleration if the objects are not balanced by an opposing force  **7.** Resistance to change  **8.** The result of unbalanced forces  **10.** Distance traveled per unit time  **11.** For every action there is an opposite reaction  **12.** Measure of gravity pulling one object toward another | **Down**  **2.** Force that opposes motion between two surfaces  **4.** Force is equal to the change in momentum F=ma  **5.** Speed of an object,but in a specific direction  **6.** Amount of matter or inertia of an object  **9.** Push or pull |