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| **acceleration** | The \_\_\_\_\_\_\_\_\_\_\_\_ at which \_\_\_\_\_\_\_\_\_\_\_\_\_ changes over \_\_\_\_\_\_\_\_\_\_\_\_\_\_; an object accelerates if its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, direction or \_\_\_\_\_\_\_\_\_\_\_ change. |
| **action/reaction** | Force \_\_\_\_\_\_\_\_\_\_ that are \_\_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_ but \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **air resistance** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ experienced by objects \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **average speed** | The total \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by the total \_\_\_\_\_\_\_\_\_\_\_. |
| **balanced force** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ forces acting on an object in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ directions, the \_\_\_\_\_\_\_\_\_\_ does \_\_\_\_\_\_\_\_\_\_\_ move |
| **deviate** | To make \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **direction** | The \_\_\_\_\_\_\_\_\_\_ in which somebody or something \_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_. |
| **force** | \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_\_\_\_ the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ or shape of an object. |
| **friction** | A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ motion \_\_\_\_\_\_\_\_\_\_\_\_\_\_ two \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that are in contact. |
| **frictionless surface** | A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that creates \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ against an object moving across its surface. |
| **gravity** | The \_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ between all masses in the universe. |
| **inertia** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of an object \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ a \_\_\_\_\_\_\_\_\_\_\_\_\_ in the speed or direction of its motion |
| **linear distance vs time graph** | A \_\_\_\_\_\_\_\_\_\_\_\_ showing the \_\_\_\_\_\_\_\_\_\_\_\_\_ of an object \_\_\_\_\_\_\_\_\_\_ a given period of \_\_\_\_\_\_\_\_\_\_\_\_. |
| **media (medium)** | An intervening \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, such as air, through which a \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_. |
| **motion** | An object's \_\_\_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_\_\_ relative to a \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_. |
| **net force** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acting on an object |
| **Newton** | The unit for \_\_\_\_\_\_\_\_\_\_ (symbol, N) |
| **Newton's Laws of Motion** | 1. Objects at \_\_\_\_\_\_\_\_ remains at \_\_\_\_\_\_\_\_\_ and objects in \_\_\_\_\_\_\_\_\_\_ remain in \_\_\_\_\_\_\_\_\_\_ unless acted on by an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ force. 2. The acceleration of an object depends on the \_\_\_\_\_\_\_\_ of the object and the amount of \_\_\_\_\_\_\_\_\_\_\_ applied. 3. For every \_\_\_\_\_\_\_\_\_\_\_\_\_ there is an \_\_\_\_\_\_\_\_\_\_\_ and opposite \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **position** | The place \_\_\_\_\_\_\_\_\_\_\_\_ somebody or something is, especially in \_\_\_\_\_\_\_\_\_\_\_\_ to other \_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **ramps** | A \_\_\_\_\_\_\_\_\_\_\_\_\_ surface that allows access from one level to a \_\_\_\_\_\_\_\_\_\_\_ or lower \_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_ something up above floor or ground level |
| **reference point** | An object that \_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_ in place. |
| **speed** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ traveled divided by the \_\_\_\_\_\_\_\_\_\_\_ taken to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.   |
| **time interval** | A system for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **unbalanced force** | A \_\_\_\_\_\_\_\_\_\_\_ net force, which \_\_\_\_\_\_\_\_\_\_\_\_\_\_ an object's motion |
| **velocity** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of an object in a particular \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| **Weight** | A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ force \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on an object; its \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the object in the universe. |
| **x-axis** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ line along the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a graph on which the \_\_\_\_\_\_\_\_\_\_\_\_\_ for time is placed.  |
| **y-axis** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ line on the \_\_\_\_\_\_\_\_\_\_\_\_\_ side of a graph on which the scale for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ traveled is placed. |