|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Newton's Laws

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  | 1F |  |  |  |  |  |  |  | 2K |  |  |
|  |  |  |  |  | 3M |  |  |  |  O |  |  |  |  |  |  |  |  I |  |  |
|  |  |  |  |  |  O |  | 4A |  I |  R |  R |  E |  S |  I |  S |  T |  E |  N |  C |  E |
| 5P |  |  |  |  |  T |  |  |  |  C |  |  |  |  |  |  |  |  E |  |  |
|  O |  | 6B |  |  |  I |  |  |  |  E |  | 7A |  |  |  |  |  |  T |  |  |
|  T |  |  A |  |  |  O |  |  |  |  |  |  C |  |  |  |  |  |  I |  |  |
|  E |  |  L |  | 8U |  N |  B |  A |  L |  A |  N |  C |  E |  D |  F |  O |  R |  C |  E |  |
|  N |  |  A |  |  |  |  |  |  |  |  |  E |  |  |  |  |  |  E |  | 9A |
|  T |  |  N |  |  | 10S |  E |  C |  O |  N |  D |  L |  A |  W |  | 11I |  |  N |  |  C |
|  I |  |  C |  |  |  |  |  |  |  |  |  E |  |  |  |  N |  |  E |  |  T |
|  A |  |  E |  |  |  | 12N |  E |  T |  F |  O |  R |  C |  E |  |  E |  |  R |  |  I |
|  L |  |  D |  |  |  |  |  |  |  |  |  A |  |  |  |  R |  |  G |  |  O |
|  E |  |  F |  |  |  | 13M |  O |  M |  E |  N |  T |  U | 14M |  |  T |  |  Y |  |  N |
|  N |  |  O |  |  |  |  |  |  |  |  |  I |  |  A |  |  I |  |  |  |  F |
|  E |  |  R |  |  |  |  | 15N |  E | 16W |  T |  O |  N |  S |  L |  A |  W | 17S |  |  O |
|  R |  |  C |  |  |  |  |  |  |  E |  |  N |  |  S |  |  |  |  P |  |  R |
|  G |  |  E |  |  |  |  |  |  |  I |  |  |  |  |  |  |  |  E |  |  C |
|  Y |  |  |  |  |  |  |  |  | 18G |  R |  A |  V |  I |  T |  Y |  |  E |  |  E |
|  |  |  |  |  |  |  |  |  |  H |  |  |  |  |  |  |  |  D |  |  |
| 19F |  R |  I |  C |  T |  I |  O |  N |  | 20T |  H |  I |  R |  D |  L |  A |  W |  |  |  |

|  |  |
| --- | --- |
| **Across****4.** The force of air pushing against a moving object**8.** When force is not balanced on either side of an object**10.** Force is equivalent to mass multiplied by acceleration.**12.** The overall force that is acted upon an object**13.** Mass multiplied by Velocity**15.** Laws that were created by Sir Isaac Newton explaining motion**18.** The force that brings two objects together**19.** The force another object exerts on another**20.** For every action, there is an equal and opposite reaction | **Down****1.** Something that acts upon an object pushing it or pulling it**2.** Energy that an object has due to its motion**3.** The act of movement**5.** Stored energy that results from the position or shape on an object**6.** Force that is balanced in amount on both sides of an object**7.** Final velocity - Initial velocity over time**9.** Force exerted by the first object onto the second object**11.**  An object at rest stays at rest and an object in motion stays in motion unless another force is acted upon it.**14.** Amount of matter with no definite shape**16.** The force of gravity on an object**17.** distance over time |