

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# FORCES AND MOTION

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| 1. It refers to the size or strength of the force. It is commonly expressed in Newton (N)                              | A. Applied force        |
| 2. These are two forces acting on an object that is not equal in size.   | B. Point of Application |
| 3. The force that is transmitted through a string, rope, cable or wire when it is being pulled in opposite directions. | C. Normal force         |
| 4. These are two forces acting in opposite directions on an object, and equal in size.                                 | D. Tension force        |
| 5. The strength or energy as an attribute of physical action or movement.  | E. Friction force       |
| 6. The action or process of moving or being moved.   | F. Unbalanced forces    |
| 7. The attraction between any two bodies with mass.  | G. Line of Action       |
| 8. The force that is applied to an object by a person or another object.   | H. Motion               |
| 9. The support force exerted on an object that is in contact with another stable object.                               | I. Magnitude            |
| 10. The force exerted by a surface as an object moves across it or makes an effort to move across it.                  | J. Direction            |
| 11. It indicates the source of the force.  | K. Force                |
| 12. It is a straight line passing through the point of application   | L. Gravitational force  |
| 13. It is where the force applied to the object.   | M. Balance forces       |