

Motion Matching

Match the term with its definition.

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| 1. _____ | kinetic | A. amount of matter in an object |
| 2. _____ | centripetal | B. amount of force exerted on an object due to gravity |
| 3. _____ | mass | C. distance covered per unit of time |
| 4. _____ | acceleration | D. rate at which velocity changes over time |
| 5. _____ | velocity | E. speed in a given direction |
| 6. _____ | weight | F. unit of measurement for force |
| 7. _____ | gravity | G. energy of motion |
| 8. _____ | inertia | H. tendency of a moving object to keep moving |
| 9. _____ | speed | I. depends on the mass and velocity of an object |
| 10. _____ | momentum | J. type of force that keeps objects moving in a circle |
| 11. _____ | newton | K. attractive force between two objects |

