

Name: _____ Date: _____ Period: _____

Motion, Acceleration, Speed, and Velocity

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| 1. An object is in (rotation/motion) if it changes position relative to a reference point. | A. reference points |
| 2. An object slowing down is (decelerating/accelerating). | B. momentum |
| 3. The distance traveled over the amount of time took is the calculation for (velocity/speed). | C. instantaneous speed |
| 4. (Location/Velocity) is the speed of an object and the direction of its motion. | D. motion |
| 5. The units for (acceleration/speed) is m/s^2 . | E. decelerating |
| 6. (Momentum/force) is the energy gained by a moving object. | F. velocity |
| 7. How far out of place an object is; the overall change in position is (displacement/distance). | G. direction |
| 8. (Specific acceleration/instantaneous speed) is the velocity of an object at a certain time. | H. acceleration |
| 9. Objects that are stationary such as a tree, a sign, or a building; make good (starting points/reference points). | I. speed |
| 10. Speed and velocity are different because one measures distance traveled in a given time and (direction/displacement) while the other just measures distance traveled in a given amount of time. | J. displacement |