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Motion In 1 Direction

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| **Across**  **3.** The sum of 2 or more vectors?  **6.** What is the study of motion?  **10.** The interval between 2 events?  **14.** What is the displacement divided by the time interval?  **15.** of Adding vectors is done by placing the vectors head to tail?  **16.** An objects instantaneous speed in the direction it is moving?  **18.** Is the distance moved over a long time interval?  **19.** The length and direction of the change in position measured from the starting point (vector quantity)? | **Down**  **1.** The measure of the amount of length covered (scalar quantity)?  **2.** v= d/t  **4.** what is described by its magitude AND direction?  **5.** The speed of an object at any given instant?  **7.** What is the change in velocity divided by times interval in which the change occurs?  **8.** what is described completely by its size or magnitude?  **9.** Or negititve acceleratation occurs when an object slows down?  **11.** Vector quantities can be represented by an arrow called a?  **12.** s= d/t  **13.** Speed in a direction?  **17.** The distance traveled per unit of time? |