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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? |