Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1-D Motion Quiz 1**

***Each question is worth 2 points. Pick 5***

***10 points possible. Show all work!!b***

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| --- | --- | --- |
| 1) An airplane flies from San Diego to San Francisco in two hours. The distance between the two cities 400 miles. What is the average speed of the plane? | 2) What kind of speed is displayed by an automobile speedometer? | 3) Scalar quantities are fully described by:  A. Magnitude & direction  B. Magnitude alone  C. Direction alone  D. Magnitude, direction, and displacement. |
| 4) Velocity of an object has two components: speed and \_\_\_\_\_\_\_\_\_\_\_\_. | 5) Use the equation d= v/t to write your own problem and answer it. | 6) A bus leaves a station and drives 60mph for 3 hours. Find the total distance travelled by the bus. |
| 7) In the graph below, what is the total displacement from point A to point B? (each block= 1cm)   |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  | | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  | |  |  |  |   8) In the graph below, what is the total distance travelled from point A to point B? (each block= 1cm) | 9) Distance with a given direction is called\_\_\_\_\_\_\_\_\_. |