

Motion ▪ *Key Terms*

Key Terms

Match each definition in the left column with the correct term in the right column. Then write the number of each term in the appropriate box below. When you have filled in all the boxes, add up the numbers in each column, row, and two diagonals. All the sums should be the same.

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|---|--|
| <p>A. When an object's distance from another object is changing</p> <p>B. A place or object used for comparison to determine if something is in motion</p> <p>C. The system of measurement scientists use to communicate information clearly</p> <p>D. The basic SI unit of length</p> <p>E. The distance an object travels in one unit of time</p> <p>F. Speed in a given direction</p> <p>G. The total distance traveled divided by the total time</p> <p>H. A major piece of Earth's crust</p> <p>I. The rate at which velocity changes</p> | <p>1. reference point</p> <p>2. average speed</p> <p>3. velocity</p> <p>4. acceleration</p> <p>5. speed</p> <p>6. motion</p> <p>7. meter</p> <p>8. International System of Units (SI)</p> <p>9. plate</p> |
|---|--|

A ____	B ____	C ____	= _____
D ____	E ____	F ____	= _____
G ____	H ____	I ____	= _____
= _____	= _____	= _____	= _____