Describing Motion with Text (words), Diagrams, and Graphs

| Type of Motion and Direction | Motion Diagram Include coordinate, strobe photos, v and a vectors. | x vs. t graph sketch | v vs. t graph sketch | a vs. t graph sketch | A place for your notes and comments |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Constant Speed Moving Right Slow |  |  |  |  |  |
| Constant Speed Moving Right Fast |  | $\square$ |  | $\square$ |  |
| Constant Speed Moving Left Slow |  |  | $\square$ $\square$ | $\square$ $\square$ |  |
| Constant Speed Moving Left Fast | $\mathrm{x}=0 \longrightarrow$ | $\square$ |  |  |  |
| Speeding up <br> Moving Right |  |  |  | $\square$ |  |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| Speeding up <br> Moving Left |  | $\square$ | $\xlongequal{\square}$ | $\square$ |  |
| Slowing Down <br> Moving Right |  |  | $\square$ | $\square$ |  |
| Slowing Down Moving Left |  | $\square$ | $\square$ | $\square$ |  |
| Start moving Right and Turn around to be moving Left |  |  | $\square$ |  |  |
| Start moving Left and Turn around to be moving Right |  |  |  | $\square$ |  |

