## Accelerated Motion Problems

1: Show the three known values for Accelerated Motion Problem 1 and then show your work in solving for the two unknown values.

| $\Delta x$ |  |
| :---: | :--- |
| $v_{i}$ |  |
| vf |  |
| a |  |
| t |  |

2: Show the three known values for Accelerated Motion Problem 2 and then show your work in solving for the two unknown values.

| $\Delta x$ |  |
| :---: | :--- |
| $v_{i}$ |  |
| vf |  |
| a |  |
| t |  |

3: Show the three known values for Accelerated Motion Problem 3 and then show your work in solving for the two unknown values.

| $\Delta x$ |  |
| :---: | :--- |
| $v_{i}$ |  |
| vf |  |
| $a$ |  |
| $t$ |  |

4: Show the three known values for Accelerated Motion Problem 4 and then show your work in solving for the two unknown values.

| $\Delta x$ |  |
| :---: | :--- |
| $v_{i}$ |  |
| $v f$ |  |
| $a$ |  |
| $t$ |  |

