

1) Look at the particle model above and complete a table position versus time

## Postion Time

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$\square$
$\square$
2) Can you calculate the velocity from the data table?
3) Graph the data in the table.
4) Can you calculate the velocity from the graph? Graph the position versus time
A) Graph the position versus time data below

| Table 2-1 |  |
| :---: | :---: |
| Position v. Time |  |
| $\boldsymbol{t} \boldsymbol{t}(\mathbf{s})$ | Position <br> $\boldsymbol{d}(\mathrm{m})$ |
| 0.0 | 0.0 |
| 1.0 | 5.0 |
| 2.0 | 10.0 |
| 3.0 | 15.0 |
| 4.0 | 20.0 |
| 5.0 | 25.0 |
| 6.0 | 30.0 |

B) Make a position $v$. time table of the data below.


