





2.
$$\chi(4) = -74 + 74^{2}$$

Q) $V = \frac{\Delta x}{\Delta t} = \frac{\chi(2) - \chi(0)}{2 - 00} = \frac{24m - 0m}{2s} = \frac{24m}{2s}$
 $\chi(2) = 24m - \chi(0) = 0m$
 $\chi(3) = 24m - \chi(0) = 0m$
 $\chi(4) = \frac{\Delta x}{15} = \frac{10m/s}{2 - 0s} = \frac{10m/s}{5 - 0m/s^{2}} = \frac{2s}{2s}$

3. $\alpha = 5.0m/s^{2} - v_{1} = 0m/s$
 $\alpha = \frac{\Delta x}{2 - 0s} = \frac{10m/s}{4 + 0m/s} = \frac{10m/s}{5 - 0m/s^{2}} = \frac{2s}{2s}$
 $\chi(4) = -74 + 74^{2}$
 $\chi(2) - \chi(0) = 24m$
 $\chi(3) - \chi(0) = 0m/s$
 $\chi(4) = \frac{1}{2} (s.0 - s/s) (2.5)^{2} + (0.25) + 0$
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