





1x= Voxt.

12-0:23.6xt.

t: 0.508

:. ·(h = 2.37) = 0 x 0.568

- 1/2×9.8×10.508

h = 2.37 - 1.264

h = 1.105.

## Chapter: 5 (Newton's lows of motion)

2nd Law:

dp dt

momentum = p=mv-

F & m d (m 7).

F & m dx

F= kma.

 $\begin{array}{c|c}
\hline
\uparrow \\
\hline
\uparrow \\
\hline
\downarrow 2N
\end{array}$ 

ZFn: 2N.

Fy: 8-6-2:0N.