LECTURE 6&7: NEWTON'S FIRST LAW AND NEWTON'S SECOND LAW
REPORT

Name:…….
Class:……..

1. Purpose:

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2. NEWTON'S FIRST LAW

$\Delta x = \cdots \ldots \ldots \ldots \ldots \ldots (cm)$

	Δt_1 (s)	v_1 (cm/s)	Δt_2 (s)	v_2 (cm/s)	$\delta = \frac{\lvert v_2 - v_1 \rvert}{v_1}$ (%)
1					
2					
3					
4					
5					

Discussion of results

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3. NEWTON'S SECOND LAW

$s = \cdots \ldots \ldots \ldots \ldots \ldots (m)$

$M = \cdots \ldots \ldots \ldots \ldots \ldots (kg)$

$m = \cdots \ldots \ldots \ldots \ldots \ldots (kg)$

	t (s)	Measured $a = \frac{2s}{t^2}\ (m/s^2)$	Calculated $a_N\ (m/s^2)$	$\delta = \frac{\lvert a - a_N \rvert}{a_N}\ (\%)$
1				
2				
3				
4				
5				

Discussion of results

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