

School				Mark (10)
Name		HKID		
Class (No.)		Date		

DL3 Force and Acceleration

Answers to Preview Questions

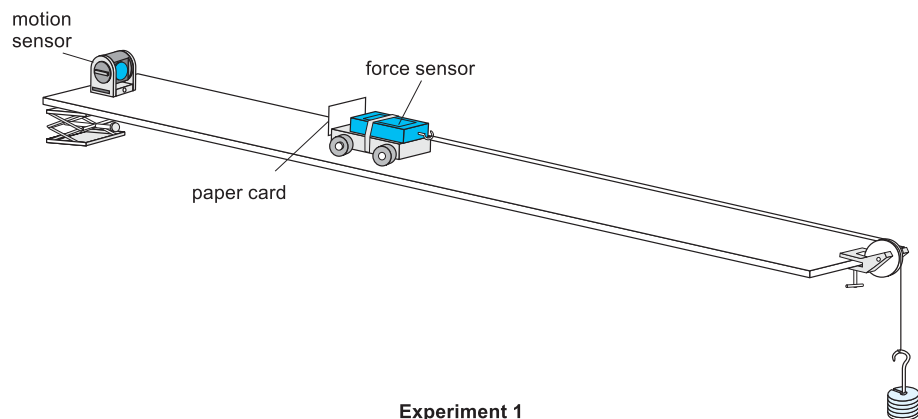
1. _____

2. _____

3. _____

4. _____

Experiment 1 Studying the motion under constant force



Experiment 1 Step 8

The total mass of the trolley and the force sensor, M _____

Table 1

Trial	1	2	3	4	5
Hanging mass ()					
Average net force ()					
Slope of $v-t$ graph, a ()					



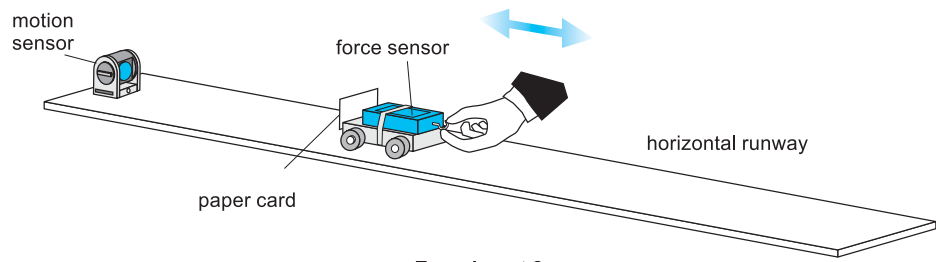
Plot of F_{net} against a

Data Analysis 1

7. Comparing values _____

Teacher's Remark

Experiment 2 Dragging the trolley to move



Experiment 2

Data Analysis 2

4. What does the slope of the best fit represent? _____

Answers to Discussion

1. _____

2. _____

3. _____

4. _____

Teacher's Remark