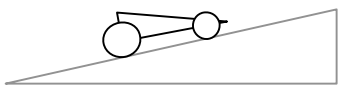# Racing team name : ....

Assemble your car and test its performance

Data collection

Test surface	Distance (m)	Time in seconds (to 2 decimal places)				
		Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
Flat						
Up slope						
Down slope						
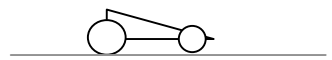
Flat
gradient = 0

Up slope
gradient = 0.1
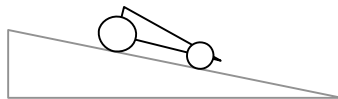
Down slope
gradient=-0.1

$$Speed = \frac{Distance}{Time}$$

Data analysis

Test surface	Average time (s)	Speed m/s	Speed km/h
Flat			
Up slope			
Down slope			

How fast ....?