1. Understanding Concepts - Page 358: #3-6, 8

2. Section 9.6 - Investigation: Balloon Car Contest (Page 360)

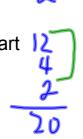
Roles - at least one per team member

Table - Trial #, Distance (m), Time (s), Comments

- at least three trials must be included in the chart

Presentation - Car's Features and Performance

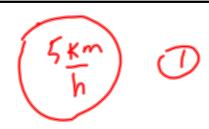
Participation



*Pictures of the original design and modifications might be helpful. Your team will have to present your car, its performance and features to the class on Friday, October 5/12.

Trill#	Distance (m)	Time (s)	Comments
2			
3			

Problems.



$$\frac{1}{5} = \frac{3.6 \frac{Km}{h}}{\frac{1}{5}}$$

$$\frac{1}{5} = \frac{3.6 \frac{Km}{h}}{h}$$

$$48. a) 1.775$$

b) $1227.6 \frac{km}{h} \Rightarrow 1.23 \times 10^{3} \frac{km}{h}$
 350

$$\Rightarrow \begin{cases} 341 \times 3.6 = \boxed{1227.6} \\ 2nd \end{cases}$$

(-358 +7. ~) 85.4 km b) 78.1h c) 3.8x10 km

49. 3.0x10m

410. 6) 2.05 b) Time Tas Vave V. c) 7.7 km, 2.8x104 km