

Name: _____

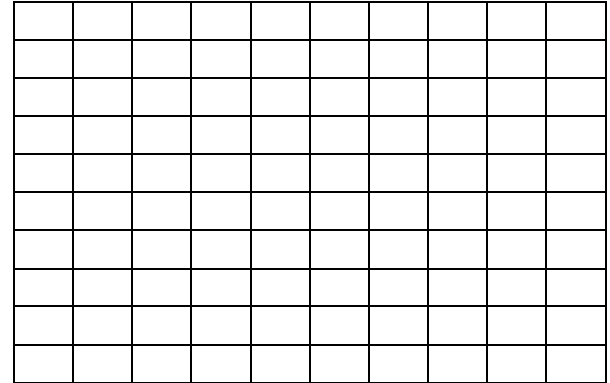
Wheelin' Fun Physics

The teacher will give you instructions on how to complete this lab.

Trial 1

Meter mark	Distance	Time
1		
2		
3		
4		
5		

Graph

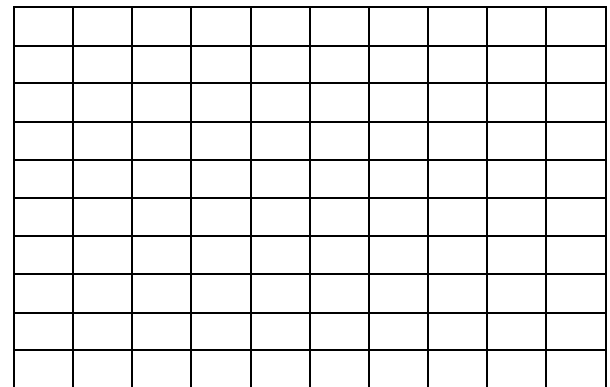


$$\begin{aligned} \text{Total: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \\ \text{Meter mark 2-3: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \\ \text{Meter mark 4-5: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \end{aligned}$$

Trial 2

Meter mark	Distance	Time
1		
2		
3		
4		
5		

Graph



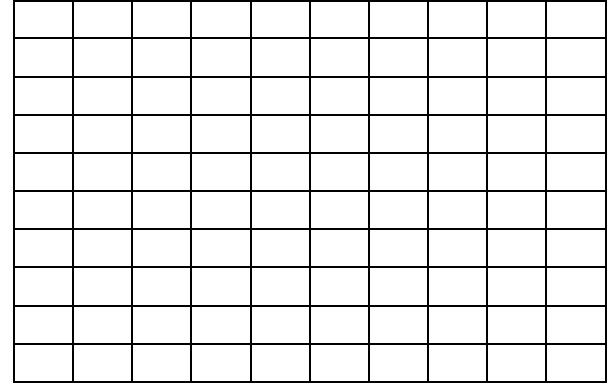
$$\begin{aligned} \text{Total: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \\ \text{Meter mark 2-3: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \\ \text{Meter mark 4-5: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \end{aligned}$$

Name: _____

Trial 3

Graph

Meter mark	Distance	Time
1		
2		
3		
4		
5		



$$\begin{aligned} \text{Total: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \\ \text{Meter mark 2-3: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \\ \text{Meter mark 4-5: } & \frac{\text{D}}{\text{T}} = \text{SPEED} \end{aligned}$$

1. Do your graphs represent a constant speed or an average speed?
2. Are your results reliable? Explain why or why not.