



Name: _____

MacGyver Wind Lift Design Challenge Student Datasheet

Note: You will need the chart from your teacher to enter the Force

Trial	# of pennies	Force (newtons) copied from chart	X	Length of string (meters)	=	Work (joules)	÷	Time (seconds)	=	Power (watts)
Sample	16	.4	X	.5	=	.2	÷	8	=	.025
Design #1			X	.5	=		÷		=	

Trial	# of pennies	Force (newtons) Copied from chart	X	Length of string (meters)	=	Work (joules)	÷	Time (seconds)	=	Power (watts)
Design #2			X	.5	=		÷		=	

Trial	# of pennies	Force (newtons) Copied from chart	X	Length of string (meters)	=	Work (joules)	÷	Time (seconds)	=	Power (watts)
Design #3			X	.5	=		÷		=	

Results:

Power for Design #1	
Power for Design #2	
Power for Design #3	