SPRK
schools ⚡ parents ⚡ robots ⚡ kids

Names:

Part 3:

List the delays are you trying to just reach the target at 10% speed:

What delay worked best to reach the target?

Delay	Result
(Example 20,000 ms)	(Moved too far past target)

Part 4:

Using the delay value you found and the fact that Sphero is moving at 10% speed can you figure out what the delay should be at 30%, 50%, 80% and 100%. to reach the same target.

Remember: Delay X speed = distance

% speed	10	30	50	80	100
delay (ms)					
delay that knocked over object (ms)					

Part 5:

What speed and delay will you use to knock over the pins? _____

Trial #	1	2	3	4	5
Pins knocked over					

List all bowling results from the class, from lowest to highest:

What is the median?   What is the mode?   What is the mean?