Height:
18 1/2 cm. - 0 cm.
Length:
227 cm.

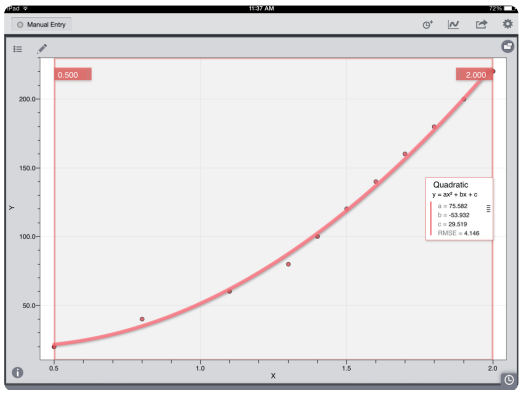
Trial 1
(Cm) : (seconds)
20: 0.5
40: 0.8
60: 1.1
80: 1.3
100: 1.4
120: 1.5
140: 1.6
160: 1.7
180: 1.9
200: 2.0
220: 2.1

Trial 2
(Cm) : (seconds)
20: 0.4
40: 0.7
60: 1.0
80: 1.2
100: 1.4
120: 1.5
140: 1.6
160: 1.7
180: 1.8
200: 2.9
220: 2.0

Trial 3
(Cm) : (seconds)
20: 0.5
40: 0.7
60: 1.9

80: 1.1
100: 1.3
120: 1.5
140: 1.6
160: 1.7
180: 1.8
200: 1.9
220: 2.0

In the lab which we conducted we timed the amount of seconds it took for a car to reach the end of a rial. We recorded it with video. We had one person taping, one person start/stop the timer and start the car, and one person stop the car. We then used the recorded data to construct charts, tables, and functions.



Y=75.582x^2+-53.932x+29.519