

Table 2 — Average time of the cart s travel with different amounts of force

Force washers) (#	TIME (seconds)
1	0.64
2	0.48
3	0.41
4	0.37
5	0.33

I am curious about what this pattern looks like on a graph because the times do not decrease by the same amount. Figure 2 shows the graph of these results.

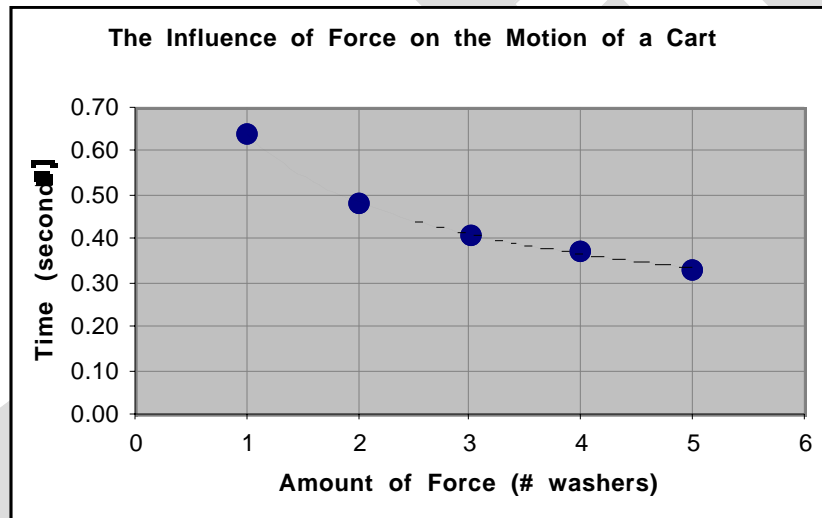


Figure 2. Average time of travel of a cart set into motion with different amounts of force.

The line on the graph is a curved line, not straight. There is more change in time of travel between one and two washers of force than there is between four and five washers of force. That means as the force increased, it had less influence on the time it took the cart to travel across the table.