Name: _____   Class: _____

Calculating Total Force

GRADES 6-8

What variables do you need to control?

	Speed (measured by radar)	Time of travel (From video)	Acceleration (Calculated $(S_I - S_F)/time$)	Mass	Force $F=MA$
Initial Serve					
Easy Serve					
Hard Serve					

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Calculating Total Force

GRADES 6-8

How does a change in force affect a change in motion? Support your answer with evidence from the experiment.