Bicycle Gear Ratio Calculator (Table Calculations Example)

To use this form
1. Select a gear configuration, or manually fill out the number of teeth for the rear (cassette) gears.
2. Select the tooth count for the front (chain ring) gears.
3. Select a calculation Type
    a. Select Crank and Wheel Sizes for Gain Ratio (Pedaling Difficulty Factor)

This drop-down modifies so many other fields on the form that the change script blocks calculations during these changes. This must of course be coordinated properly with the state of the "BlockCalculations" button

Toggle Buttons:
These Buttons modify the behavior of the form but do not represent actual form data

When pressed the button stays pushed in

Hidden Field

Cassette:	
Calculation Type:	Gear Ratio Gain Ratio
Crank Length:	
Wheel Size:	

Enter # of Teeth for each Gear into the Yellow Area

	Cassette (Rear Wheel Gears) – Smallest to Largest											
	(1) Small	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Chain Ring(Pedal Gears)												
1) Top (Largest)												
2)												
3) Granny (Smallest)												

This form uses a slightly different kind of table calculation. The interior table cells are calculated based on the row and column header entries. To make the calculations generic the field names include both row and column references that can be split out and then used to build the row and column header names that will be used as input