Enter in Shaded Cells Only

Tow Vehicle (TV) ----------->	Ram 1500 Big Horn		
TV Curb Weight	5,929.00		
TV GVWR (Gross Vehicle Weight Rating)	7,600.00		
TV GCVWR (Gross Combine Vehicle Weight Rating)	15,000.00		
TV Payload	1,670.00		
TV Towing (pulling) Capacity	8,570.00		
Estimated TV Vehicle Payload Including Hitch Weight			
Passengers (Pulls from H11:14)	400.00		
TV Cargo (Pulls from H18:25)	415.00		
Trailer Cargo (Pulls from H29:36 or H7)	1,011.00	Greater of H29:36 or H7	
Hitch Weight (enter either cell J9 or K9); see* or ** to decide	1,138.00		
Total TV Payload	**1,953.00**		
Available TV Capacities once TV is Hitched to Trailer		% available	
Available TV Payload	(283.00)	-16.95%	
Available TV GVWR (Gross Vehicle Weight Rating)	(282.00)	-3.71%	
Available GCVWR (Gross Combine Vehicle Weight Rating)	671.00	4.47%	
Available TV Towing Capacity	2,123.00	24.77%	
	GAWR	**Base Weight**	**Available Capacity**
	3,700.00	3,000.00	700.00
	3,900.00	2,929.00	971.00
		5,929.00	
	Base Axle weight needs to equal Curb Weight of TV		

Trailer ----------->	Rockwood Mini Lite 2514s				
UVW	5,879.00				
CCC	1,706.00		CCC Hitch Weight		
GVWR (CCC + UVW)	7,585.00	Dry weight Hitch %	10%	17%	
Dry Hitch Weight	1,138.00	15.00%	758.50	1,289.45	
			*	**	
Passengers	**Weight**				
Driver	250.00				
Passenger(s)	150.00				
Kids					
	400.00				
TV Cargo	**Weight**				
Hitch	90.00				
Wood	100.00				
Supplies	125.00				
Bike(s)	0.00				
Kayak	0.00				
Generator (1)					
Camper Shell	100.00				
it adds up quickly					
	415.00				
Trailer Cargo	**Weight**				
Groceries	75.00				
Clothes & Per. Items	100.00				
water	416.00				
Bikes	75.00				
Dishware	125.00				
Tools	50.00				
Hoses/Cords	20.00				
Camp Supplies	150.00				
	1,011.00				

Legend

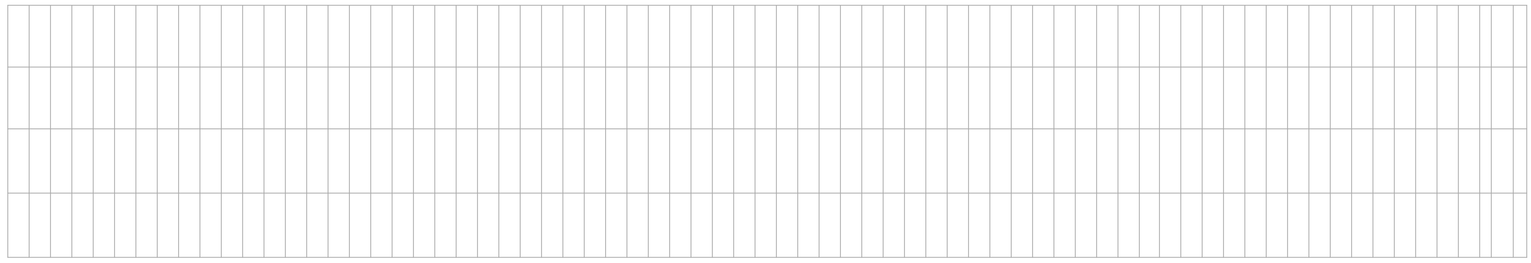
TV - Tow Vehicle - the vehicle pulling the trailer
TT - Travel Trailer - the trailer being pulled
Curb Weight - weight of vehicle without cargo or passengers but with full fluids
GVWR - Gross Vehicle Weight Rating - maximum operating weight
GCVWR - Gross Combine Vehicle Weight Rating- gross operating weight of the tow vehicle and trailer
Payload - weight that can be added to the bed, hitch or cab of the tow vehicle
Towing Capacity - maximum weight that can be pulled/stopped by the tow vehicle
Hitch Weight - weight that the trailer applies/adds to the tow vehicle
UVW - trailer Unloaded Vehicle Weight - weight coming off the assembly line (no batteries, propane, etc.)
CCC - trailer Cargo Carrying Capacity - weight that can be added to the trailer (batteries, propane, inside contents, water/waste)
Dry Hitch Weight - the unloaded trailer weight that will be applied to the tow vehicle once hooked up

Capacity Goals

At least 10% remaining capacity = Green, you have some buffer
Between 9.99% and 1% = Yellow, use caution, really maxing the TV
Zero or below = Red, dangerous, over capacity and possibly illegal

Tow Vehicle Capacities Found

Driver's Side Door Jamb Data Plate(s) - usually white and/or yellow
Year, Make and Model Manufacturer Towing Guide
Year, Make and Model Owner's Manual
Note: CAT Scale weighing is always the most accurate to determine Curb Weight and Axles weights
Note: if capacity discrepancies are found between Manual's, Guides or Data Plates, always use the lowest

* Use this Trailer Tongue Weight if you only have bedding, minor clothing, soap and towels, minor food/drinks and paper & plastic dishware; rear, extreme minima
** Use this Trailer Tongue Weight if ever travel with water & sewage, loaded storage and cabinets; most campers

Disclaimer: It is your responsibility to check all formulas, numbers and data for accurate information.
Check the load capacity of your tires.