

# CAT Scale RV Worksheet



## FIRST PASS OVER SCALE: TOW VEHICLE ONLY

1 - STEERING AXLE WEIGHT  A  
 2 - DRIVE AXLE WEIGHT  B  
 GROSS WEIGHT  C=A+B (should match ticket)

1 - STEERING AXLE WEIGHT  A  
 2 - DRIVE AXLE WEIGHT  B  
 GROSS WEIGHT  C=A+B (should match ticket)

## SECOND PASS OVER SCALE: TOW VEHICLE + TRAILER with WDH **NOT** TENSIONED (required to calculate tongue/pin weight)

1 - STEERING AXLE WEIGHT  D (compare to FAWR)  
 2 - DRIVE AXLE WEIGHT  E (compare to RAWR)  
 3 - TRAILER AXLE(S) WEIGHT  F  
 GROSS WEIGHT  G=D+E+F (should match ticket)

1 - STEERING AXLE WEIGHT  D (compare to FAWR)  
 2 - DRIVE AXLE WEIGHT  E (compare to RAWR)  
 3 - TRAILER AXLE(S) WEIGHT  F  
 GROSS WEIGHT  G=D+E+F (should match ticket)

## THIRD PASS OVER SCALE: TOW VEHICLE + TRAILER with WDH TENSIONED (axle weights w/WDH TENSIONED)

1 - STEERING AXLE WEIGHT  (compare to FAWR)  
 2 - DRIVE AXLE WEIGHT  (compare to RAWR)  
 3 - TRAILER AXLE(S) WEIGHT   
 GROSS WEIGHT  (should match ticket AND value G above)

Not Applicable

## CALCULATED VALUES

TOTAL RIG WEIGHT  =G (compare to GCWR)  
 TOW VEHICLE WEIGHT  =C (compare to GVWR)  
 TRAILER WEIGHT  H=(G-C) (compare to GTWR)  
 TONGUE WEIGHT  J=(D+E-C) (compare to hitch rating)  
 TONGUE WEIGHT %  =(J/H)x100

TOTAL RIG WEIGHT  =G (compare to GCWR)  
 TOW VEHICLE WEIGHT  =C (compare to GVWR)  
 TRAILER WEIGHT  =(G-C) (compare to GTWR)  
 PIN WEIGHT  =(D+E-C)  
 PIN WEIGHT %  =(J/H)x100

### NOTES

CAT Scales are not precise to the pound - some variance / tolerance should be expected  
 FAWR = Front Axle Weight Rating  
 RAWR = Rear Axle Weight Rating  
 GCWR = Gross Combined Weight Rating  
 GVWR = Gross Vehicle Weight Rating  
 GTWR = Gross Trailer Weight Rating