

Input Section

Total Rental Cost	\$ 1,200.00
Number of Nights	4
Rental Per Night	\$ 300.00
Base Night Person	\$ 30.00

Verification:

Formulas are balanced

Enter Yes if staying that night:

Name	Thursday	Friday	Saturday	Sunday
Kyle Peterson	Yes	Yes	Yes	Yes
Ian Matheson	Yes	Yes	Yes	Yes
Isaac Pearson	Yes	Yes	Yes	Yes
Daryl Davenport	Yes	Yes	Yes	Yes
Nick Johnson	Yes	Yes	Yes	
James Wilson		Yes	Yes	
Body Rogers		Yes	Yes	
Troy Henderson			Yes	Yes
Hector Martinez			Yes	Yes
Rob Turner		Yes	Yes	Yes

Cost Per Night Per Person

Thursday	Friday	Saturday	Sunday
\$ 60.00	\$ 30.00	\$ 30.00	\$ 30.00
\$ 60.00	\$ 30.00	\$ 30.00	\$ 30.00
\$ 60.00	\$ 30.00	\$ 30.00	\$ 30.00
\$ 60.00	\$ 30.00	\$ 30.00	\$ 30.00
\$ 60.00	\$ 30.00	\$ 30.00	
	\$ 30.00	\$ 30.00	
	\$ 30.00	\$ 30.00	
		\$ 30.00	\$ 30.00
		\$ 30.00	\$ 30.00
	\$ 30.00	\$ 30.00	\$ 30.00

Additional	Totals
\$ 37.50	\$ 187.50
\$ 37.50	\$ 187.50
\$ 37.50	\$ 187.50
\$ 37.50	\$ 187.50
	\$ 120.00
	\$ 60.00
	\$ 60.00
	\$ 60.00
	\$ 60.00
	\$ 90.00

# Staying	5	8	10	7	Totals	Short	Total Paid
Total Paid					\$ 1,050.00	\$ 150.00	\$ 1,200.00
Total Cost					\$ 1,200.00		

Assumptions and Calculation Notes

Those who spend Thursday night split the nightly rental cost evenly.

Each person pays \$30 per night stayed Friday, Saturday, and Sunday.

Kyle, Ian, Isaac, and Daryl agreed to pay any difference in the total paid and the total rental cost.

Cells B20:E20 should count the number of cells containing "Yes" per night.

Cells G20:J20 should count the number of cells containing values per night.

The two sets of counts should be consistent.

Cells G21:J21 should add the total paid per night. G22:J22 should echo the Rental Per Night cost.

Cells K21:K22 should total their respective total cells.

Cells L9:L12 should contain a logical test to determine if the first four guys will pay any shortfall in amount collected from the entire group.

Cell L21 should total the additional amount the four guys paid. Cell M21 should total the total amount paid in column M.

The calculated value in cell M21 should be match the total rental value in cell B2, K22, and the sum of K21:L21.