



A group of 30 high school biology students took a field trip to a state park to collect bug samples overnight. Each cabin at the park (of which no two had the same color) could hold 8 people, two of which were a husband and wife chaperone team. Your task is to determine which cabin each couple was staying in (both the color and the cabin number), the husbands first name, the wives first name and their last names.

1. Bob, who is not married to Sarah, didn't bunk in the Orange cabin.

2. Pete and his wife Karen were not staying in cabin #6. Karen's last name is not Spoiler.

3. The Baker couple were staying in the brown cabin, which was #4.
4. Alex's cabin had a lower number than the one Sally camped in but higher than the couple who were staying in the gray cabin.

5. Alex isn't married to Sue Johnson. Charles Smith was not bunking in the green cabin.

6. The couple staying in the Orange cabin had a sign on the door that said 8.

		Wife				Last Name				Cabin Color				Cabin #			
		Karen				Sally				Sarah				Sue			
		Smith				Spoiler				Baker				Johnson			
		Orange				Green				Gray				Brown			
		2				4				6				8			
Husband	Bob																
	Pete																
	Charles																
	Alex																
Cabin #	2																
	4																
	6																
	8																
Cabin Color	Orange																
	Green																
	Gray																
	Brown																
Last Name	Smith																
	Spoiler																
	Baker																
	Johnson																

	Wife	Last Name	Cabin Color	Cabin #
Bob				
Pete				
Charles				
Alex				

Play This Logic Puzzle
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- The Baker couple were staying in the brown cabin, which was #4.
- Alex's cabin had a lower number than the one Sally camped in but higher than the couple who were staying in the gray cabin.
- Alex isn't married to Sue Johnson. Charles Smith was not bunking in the green cabin.
- The couple staying in the Orange cabin had a sign on the door that said 8.

		Wife				Last Name				Cabin Color				Cabin #			
		Karen	Sally	Sarah	Sue	Smith	Spoiler	Baker	Johnson	Orange	Green	Gray	Brown	2	4	6	8
Husband	Bob	×	×	×	✓	×	×	×	×	×	×	×	×	×	×	×	×
	Pete	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
	Charles	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×	×	×
	Alex	×	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×	×
Cabin #	2	×	×	×	✓	×	×	×	×	×	×	×	×	×	×	×	×
	4	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
	6	×	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×	×
	8	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×	×	×
Cabin Color	Orange	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×	×	×
	Green	×	×	✓	×	×	✓	×	×	×	×	×	×	×	×	×	×
	Gray	×	×	×	✓	×	×	×	×	×	×	×	×	×	×	×	×
	Brown	✓	×	×	×	×	×	✓	×	×	×	×	×	×	×	×	×
Last Name	Smith	×	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×
	Spoiler	×	×	✓	×	×	×	×	×	×	×	×	×	×	×	×	×
	Baker	✓	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
	Johnson	×	×	×	✓	×	×	×	×	×	×	×	×	×	×	×	×

	Wife	Last Name	Cabin Color	Cabin #
Bob	Sue	Johnson	Gray	2
Pete	Karen	Baker	Brown	4
Charles	Sally	Smith	Orange	8
Alex	Sarah	Spoiler	Green	6

