

Name _____

Date _____

Five campers signed up for activities at summer camp. Each camper is a different age and sleeps in a different cabin.

Use the clues to find each camper's age and cabin.

Clues

- Jack is younger than the camper who sleeps in the Fox cabin.
- Jack does not sleep in the Hawk cabin.
- Jack is older than the camper who sleeps in the Owl cabin.
- Either Jack sleeps in the Owl cabin or Priya is 10, but not both.
- Hana is not 12.
- Either Noah sleeps in the Deer cabin or the camper who sleeps in the Bear cabin is 9, but not both.
- Hana sleeps in the Hawk cabin or the Owl cabin.
- The camper who is 11 sleeps in the Fox cabin.
- Noah is not 11.

		Age					Cabin				
		8	9	10	11	12	Owl	Fox	Deer	Hawk	Bear
Name	Hana										
	Ivy										
	Jack										
	Noah										
	Priya										
Cabin	Owl										
	Fox										
	Deer										
	Hawk										
	Bear										

Answers

Hana

_____ age
_____ cabin

Ivy

_____ age
_____ cabin

Jack

_____ age
_____ cabin

Noah

_____ age
_____ cabin

Priya

_____ age
_____ cabin

Stuck? Try it and see

Pick an either/or clue and suppose its first half is true. Mark lightly and keep going. If a row or column ends up with no box left, that half was false, so rub out and mark the other half as true.

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A ● marks a yes and an × marks a no. Every box can be filled in from the clues.

Name	Age	Cabin
Hana	8	Owl
Ivy	11	Fox
Jack	9	Bear
Noah	12	Hawk
Priya	10	Deer

		Age					Cabin				
		8	9	10	11	12	Owl	Fox	Deer	Hawk	Bear
Name	Hana	●	×	×	×	×	●	×	×	×	×
	Ivy	×	×	×	●	×	×	●	×	×	×
	Jack	×	●	×	×	×	×	×	×	×	●
	Noah	×	×	×	×	●	×	×	×	●	×
	Priya	×	×	●	×	×	×	×	●	×	×
Cabin	Owl	●	×	×	×	×					
	Fox	×	×	×	●	×					
	Deer	×	×	●	×	×					
	Hawk	×	×	×	×	●					
	Bear	×	●	×	×	×					

The try-it-and-see step

Clue 6. Suppose Noah sleeps in the Deer cabin. Follow that through the grid and a row or column runs out of boxes, so it cannot be true. That leaves the other half of the clue: the camper who sleeps in the Bear cabin is 9.