

Name _____

Date _____

Four students went on the class trip to the museum. Each student sat in a different row on the bus and liked a different room best. Row 1 is at the front.

Use the clues to find each student's bus row and favorite room.

Clues

1. The student who sat in row 2 liked the ocean room.
2. Ray sat in row 2 or row 3.
3. Ben did not like the ocean room.
4. Chloe sat in row 1.
5. Ben sat closer to the front of the bus than the student who liked the train room.
6. Chloe did not like the dinosaur room.

		Bus row				Favorite room			
		1	2	3	4	train	insect	dinosaur	ocean
Name	Ben								
	Chloe								
	Nora								
	Ray								
Favorite room	train								
	insect								
	dinosaur								
	ocean								

Answers

Ben

_____ bus row
_____ favorite room

Chloe

_____ bus row
_____ favorite room

Nora

_____ bus row
_____ favorite room

Ray

_____ bus row
_____ favorite room

Three grids, one answer

A • joins two things, so they share every other mark. When you find a •, look along both of its lines into the other grids and copy each X and • from one to the other.

New to logic puzzles? See printablescholar.com/logic-puzzles/how-to-solve

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

Name	Bus row	Favorite room
Ben	3	dinosaur
Chloe	1	insect
Nora	4	train
Ray	2	ocean

		Bus row				Favorite room			
		1	2	3	4	train	insect	dinosaur	ocean
Name	Ben	X	X	●	X	X	X	●	X
	Chloe	●	X	X	X	X	●	X	X
	Nora	X	X	X	●	●	X	X	X
	Ray	X	●	X	X	X	X	X	●
Favorite room	train	X	X	X	●				
	insect	●	X	X	X				
	dinosaur	X	X	●	X				
	ocean	X	●	X	X				