Name _____ Date _____

Royal ball hard logic puzzle

Four guests came in costume to the royal ball. Each one has exactly one of each item. Use the clues to mark an X where a pairing is impossible and a dot where it's certain.

	Dances				Costume				Carriage			
	1	2	3	4	dragon	knight	fairy	wizard	gold	silver	pink	blue
Finn												
Milo												
Omar												
Tess												
gold												
silver												
pink												
blue												
dragon												
knight												
fairy												
wizard												

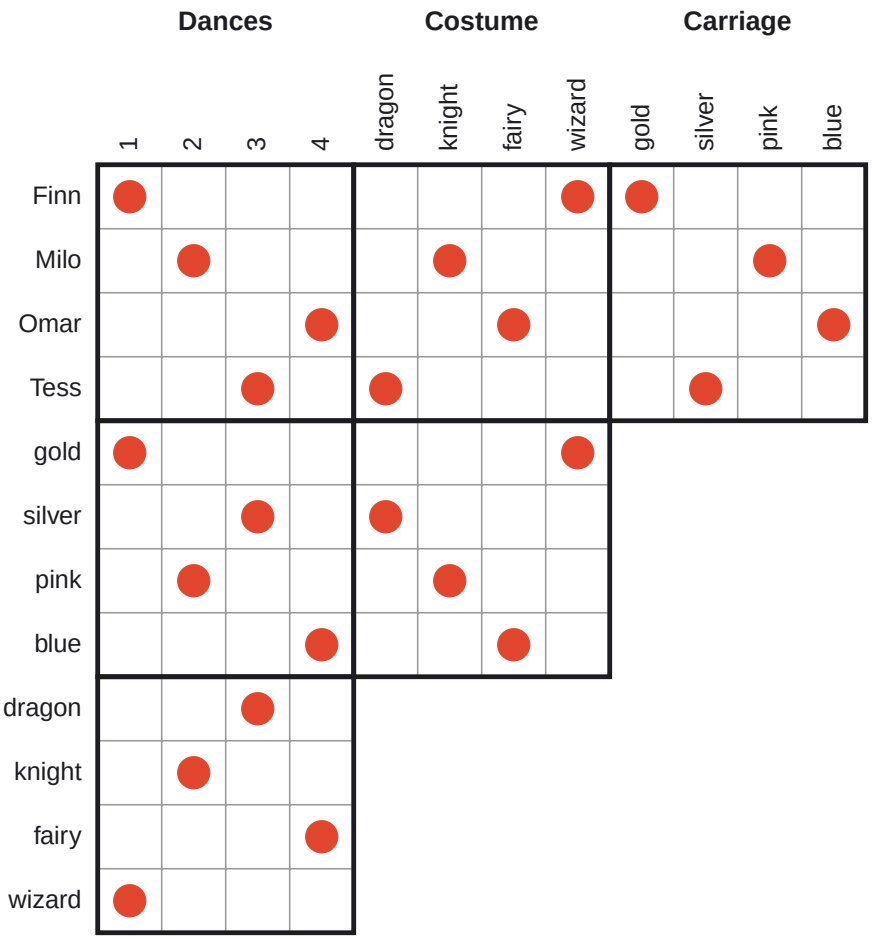
Clues

1. Omar didn't ride in the pink carriage.
2. Milo didn't ride in the gold carriage.
3. The wizard danced exactly 3 fewer times than Omar.
4. The knight didn't ride in the silver carriage.
5. Milo danced exactly once fewer than the one in the silver carriage.
6. The one in the gold carriage danced fewer times than Tess.
7. The wizard danced exactly 3 fewer times than the fairy.
8. Finn danced exactly 2 fewer times than the one in the silver carriage.

Name _____ Date _____

Answer key: Royal ball hard logic puzzle

Four guests came in costume to the royal ball. Each one has exactly one of each item. Use the clues to mark an X where a pairing is impossible and a dot where it's certain.



Solution

Name	Dances	Costume	Carriage
Finn	1	wizard	gold
Milo	2	knight	pink
Omar	4	fairy	blue
Tess	3	dragon	silver