Name _____ Date _____

# Birthday party hard logic puzzle no. 2

Four friends brought presents to a birthday party. 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.

| | Arrived | | | | Present | | | | Paper | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 pm | 3 pm | 5 pm | 6 pm | book | kite | yo-yo | paint set | spotty | striped | gold | starry |
| Jonah | | | | | | | | | | | | |
| Milo | | | | | | | | | | | | |
| Rosa | | | | | | | | | | | | |
| Sam | | | | | | | | | | | | |
| spotty | | | | | | | | | | | | |
| striped | | | | | | | | | | | | |
| gold | | | | | | | | | | | | |
| starry | | | | | | | | | | | | |
| book | | | | | | | | | | | | |
| kite | | | | | | | | | | | | |
| yo-yo | | | | | | | | | | | | |
| paint set | | | | | | | | | | | | |

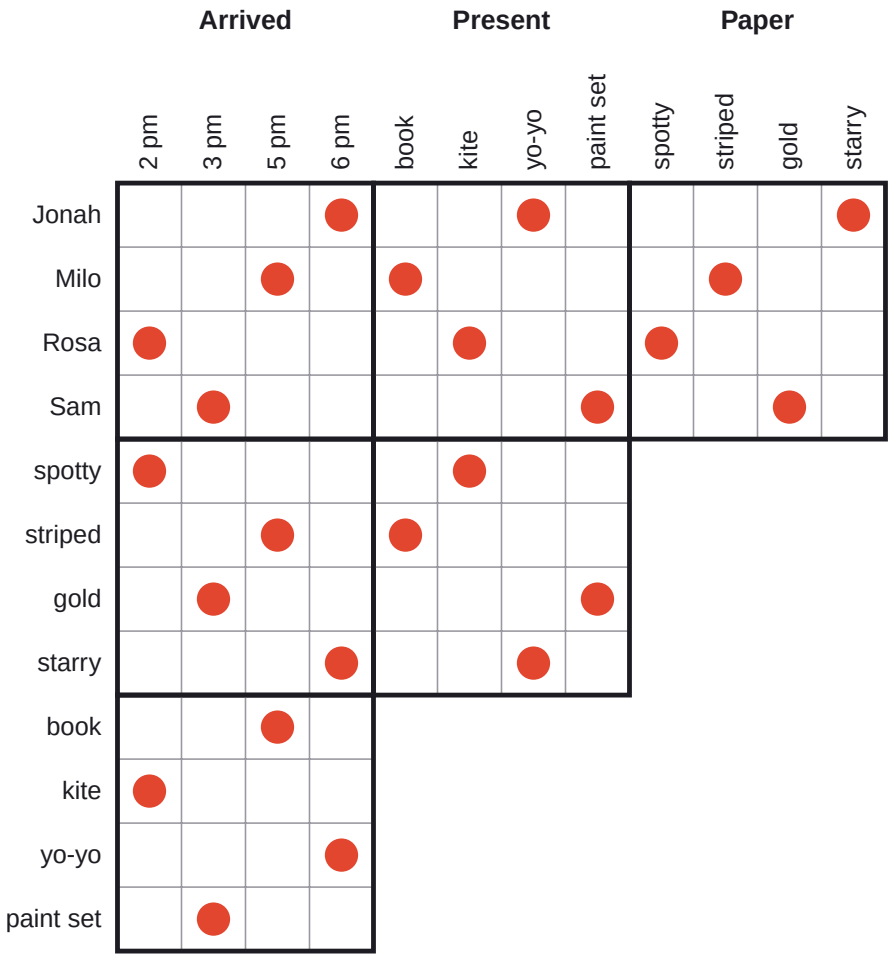
## Clues

1. Milo arrived earlier than the one with the yo-yo.
2. Rosa arrived exactly one hour earlier than the one with gold paper.
3. Rosa arrived exactly one hour earlier than Sam.
4. The one with the kite arrived exactly 3 hours earlier than the one with the book.
5. The one with the kite arrived exactly 4 hours earlier than the one with starry paper.
6. The one with the kite arrived exactly 3 hours earlier than the one with striped paper.

Name _____ Date _____

# Answer key: Birthday party hard logic puzzle no. 2

Four friends brought presents to a birthday party. 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 | Arrived | Present | Paper |
|---|---|---|---|
| Jonah | 6 pm | yo-yo | starry |
| Milo | 5 pm | book | striped |
| Rosa | 2 pm | kite | spotty |
| Sam | 3 pm | paint set | gold |