Name _____ Date _____

# Museum trip expert logic puzzle

Five kids visited the dinosaur museum. 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.

| | **Age** | | | | | **Favourite** | | | | | **Souvenir** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 | 7 | 8 | 9 | 10 | T. rex | stegosaurus | triceratops | raptor | brachiosaurus | poster | fossil kit | plush toy | book | badge |
| Ben | | | | | | | | | | | | | | | |
| Ella | | | | | | | | | | | | | | | |
| Gia | | | | | | | | | | | | | | | |
| Iris | | | | | | | | | | | | | | | |
| Nora | | | | | | | | | | | | | | | |
| poster | | | | | | | | | | | | | | | |
| fossil kit | | | | | | | | | | | | | | | |
| plush toy | | | | | | | | | | | | | | | |
| book | | | | | | | | | | | | | | | |
| badge | | | | | | | | | | | | | | | |
| T. rex | | | | | | | | | | | | | | | |
| stegosaurus | | | | | | | | | | | | | | | |
| triceratops | | | | | | | | | | | | | | | |
| raptor | | | | | | | | | | | | | | | |
| brachiosaurus | | | | | | | | | | | | | | | |

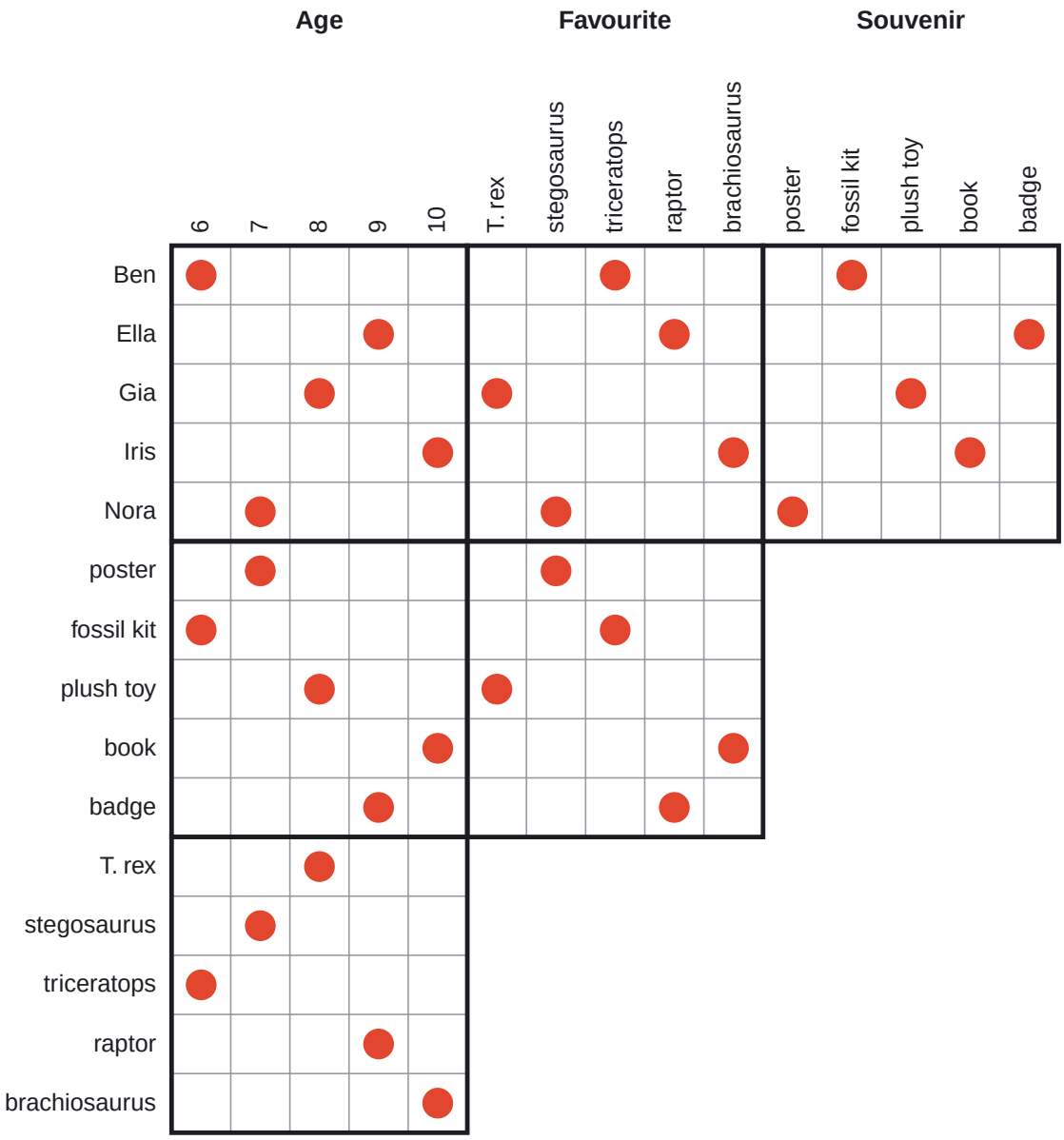
## Clues

1. The triceratops fan is exactly 2 years younger than the T. rex fan.
2. Ben is exactly 3 years younger than the raptor fan.
3. Ella didn't buy the poster.
4. The one who bought the fossil kit is exactly 4 years younger than the one who bought the book.
5. The one who bought the plush toy is exactly one year younger than the one who bought the badge.
6. Ella is exactly one year younger than the brachiosaurus fan.
7. Ella is exactly one year younger than Iris.
8. The stegosaurus fan is younger than Gia.
9. The brachiosaurus fan bought the book.

Name _____ Date _____

# Answer key: Museum trip expert logic puzzle

Five kids visited the dinosaur museum. 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 | Age | Favourite | Souvenir |
|---|---|---|---|
| Ben | 6 | triceratops | fossil kit |
| Ella | 9 | raptor | badge |
| Gia | 8 | T. rex | plush toy |
| Iris | 10 | brachiosaurus | book |
| Nora | 7 | stegosaurus | poster |