

# 3x5 Logic Puzzle Grid [www.printablesworld.com](http://www.printablesworld.com)

|        |         | Genre   |        |            |         |        | Snack |     |         |       |       |
|--------|---------|---------|--------|------------|---------|--------|-------|-----|---------|-------|-------|
|        |         | Romance | Sci-fi | Nonfiction | Mystery | Item E | Cake  | Tea | Cookies | Fruit | Chips |
| Member | Nate    |         |        |            |         |        |       |     |         |       |       |
|        | Opal    |         |        |            |         |        |       |     |         |       |       |
|        | Quinn   |         |        |            |         |        |       |     |         |       |       |
|        | Pia     |         |        |            |         |        |       |     |         |       |       |
|        | Leo     |         |        |            |         |        |       |     |         |       |       |
| Snack  | Cake    |         |        |            |         |        |       |     |         |       |       |
|        | Tea     |         |        |            |         |        |       |     |         |       |       |
|        | Cookies |         |        |            |         |        |       |     |         |       |       |
|        | Fruit   |         |        |            |         |        |       |     |         |       |       |
|        | Chips   |         |        |            |         |        |       |     |         |       |       |

| Clue 1                       | Clue 2                               |
|------------------------------|--------------------------------------|
| Nate did not order a Sci-fi. | The Cake is paired with the Romance. |

| Clue 3                                       | Clue 4                                        |
|----------------------------------------------|-----------------------------------------------|
| Opal has either a Nonfiction or the Cookies. | The Chips was not chosen with the Nonfiction. |

| Clue 5                                 | Clue 6 |
|----------------------------------------|--------|
| Pia has either a Fantasy or the Chips. |        |

### Solution

Nate → Romance, Cake

Opal → Nonfiction, Cookies

Quinn → Sci-fi, Fruit

Pia → Fantasy, Chips

### Solution Why

Cake↔Romance (Clue2). Chips≠Nonfiction (Clue4) ⇒ {C↔X, D↔Z}; the remaining pairs are Mystery↔Tea and Sci-fi↔Fruit. Clue3 fixes Opal=Nonfiction/Cookies; Clue5 fixes Pia=Fantasy/Chips; Clue1 forces Nate=Romance/Cake; leftovers set Quinn and Leo.