

3x5 Logic Puzzle Grid www.printablesworld.com

		Genre					Snack				
		Mystery	Nonfiction	Fantasy	Romance	Item E	Tea	Cake	Fruit	Chips	Cookies
Member	Pia										
	Nate										
	Kira										
	Opal										
	Quinn										
Snack	Tea										
	Cake										
	Fruit										
	Chips										
	Cookies										

Clue 1	Clue 2
Pia did not order a Nonfiction.	The Tea is paired with the Mystery.

Clue 3	Clue 4
Nate has either a Fantasy or the Fruit.	The Cookies was not chosen with the Fantasy.

Clue 5	Clue 6
Opal has either a Sci-fi or the Cookies.	

Solution

Pia → Mystery, Tea
Nate → Fantasy, Fruit
Kira → Nonfiction, Chips
Opal → Sci-fi, Cookies

Solution Why

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