

# Solving Logic Puzzles.notebook

January 10, 2017

Five kids are standing in line waiting for the ice cream shop to open. What is the order of the line?

	First	Second	Third	Fourth	Fifth
Billy	X	X	X	X	O
Amy	O	X	X	X	X
Madison	X	O	X	X	X
Tom	X	X	X	O	X
Vanessa	X	X	O	X	X

- Vanessa is in the exact middle of the line.
- Billy is directly behind Tom.
- Madison is not first or last.
- Amy is before Vanessa.

TB

	Car	Motorcycle	Boat	Blue	Orange	Green
Calamity	X	O	X	X	O	X
Dorothea	O	X	X	X	X	O
Finch	X	X	O	O	X	X
Blue	X	X	X			
Orange	X	X	X			
Green	X	X	X			

- Calamity loves orange, but she hates the water.
- Finch did not use the green vehicle.
- Dorothea drove the car.

		commanders				battalions			
		Ingram	Nichols	Vincent	Wood	Alpha	Echo	Juliet	Tango
months	January	X	X	X	O	X	X	O	X
	February	O	X	X	X	X	O	X	X
	March	X	X	O	X	X	X	X	X
	April	X	O	X	X	X	X	O	O
battalions	Alpha	X	X	O	X				
	Echo	O	X	X	X				
	Juliet	X	X	X	O				
	Tango	X	O	X	X				

Clues

- The battalion led by Commander Vincent will deploy 1 month after Echo Battalion.
- The battalion led by Commander Wood will deploy 1 month before Echo Battalion.
- Juliet Battalion will deploy 1 month before the battalion led by Commander Ingram.
- The battalion led by Commander Nichols is Tango Battalion.
- The four battalions are the battalion led by Commander Wood, the battalion deploying in April, the battalion deploying in February and the battalion deploying in March.

		video games				buyers			
		Blaster Boy	Gator Attack	Magic Marbles	Troop Seven	Gene	Kyle	Lloyd	Virgil
years	1983								
	1984								
	1985								
	1986								
buyers	Gene								
	Kyle								
	Lloyd								
	Virgil								

Clues

- Blaster Boy came out in 1986.
- The video game bought by Gene came out 1 year after the video game bought by Kyle.
- Magic Marbles came out sometime before Troop Seven.
- The game bought by Lloyd came out 2 years after Magic Marbles.
- The game bought by Gene came out sometime before Gator Attack.