

Example puzzle

Three children each have a pet, a treat and a coloured cap. Which belongs to which?

	Blue	Green	Red	Hare	Penguin	Tortoise	Chocolate	Flapjack	Lolly
James									
Kiki									
Nolan									
Chocolate									
Flapjack									
Lolly									
Hare									
Penguin									
Tortoise									

1. Kiki, in the blue cap, is sucking on a lolly.
2. The kid with the flapjack is holding a tortoise.
3. The tortoise does not belong to James.
4. The child in the green cap has spilt chocolate all over their hare.

This means that:

	Blue	Green	Red	Hare	Penguin	Tortoise	Chocolate	Flapjack	Lolly
James	-					-			-
Kiki	V	-	-				-	-	V
Nolan	-								-
Chocolate	-	V	-			-			
Flapjack		-		-	-	V			
Lolly		-				-			
Hare	-	V	-						
Penguin		-							
Tortoise		-							

And from there it follows that:

	Blue	Green	Red	Hare	Penguin	Tortoise	Chocolate	Flapjack	Lolly
James	-					-		-	-
Kiki	V	-	-	-		-	-	-	V
Nolan	-								-
Chocolate	-	V	-	V	-	-			
Flapjack	-	-		-	-	V			
Lolly	V	-	-	-		-			
Hare	-	V	-						
Penguin		-							
Tortoise	-	-							

1. Kiki's line should be the same as the line for Lolly, and as the blue column.
2. Flapjack and tortoise are the same, both horizontally and vertically.
3. Green, chocolate and hare all belong together.
4. Whenever the rest of the line or column is blocked with (-), the remaining box must be (V). If you do that, you should be able to solve the puzzle.
Good luck with the others!