

Problem-Solving Strategy: Use Logical Reasoning

Problem For lunch, Emma, Rosa, and Vanya each bring a sandwich (a tuna roll, a turkey wrap, or a veggie wrap) and a drink (water, milk, or apple juice). Both Rosa and Emma bring wraps. Vanya does not drink juice. Emma does not eat fish or meat and is allergic to apple juice. The person who brings tuna doesn't bring water. What does each person bring for lunch?



What is the question? _____

What are the sandwiches and drinks? _____

What do you know about: **a.** Emma? _____
b. Rosa? _____ **c.** Vanya? _____

What other fact do you know? _____



How can logical reasoning help you solve the problem?



Fill in the table with person's name, sandwich and drink.
 Then write yes or no.

	Sandwich			Drink		
Name						

What is the solution? _____



How did the table help you to solve the problem?
