

Thought Experiment

"The Laboratory is in your Head"



Catching the Bus

Aldo always takes the blue bus.

STRATEGY: Make a table that shows the choices for Aldo. He can either take yellow or blue. If he takes yellow, there are two options for Brenda and Cory. If he takes blue, there are four choices for Brenda and Cory.

	Aldo	Brenda	Cory
A	yellow	yellow	yellow
B	yellow	blue	blue
C	blue	blue	blue
D	blue	yellow	yellow
E	blue	yellow	blue
F	blue	blue	yellow

Now go back to the information in the problem and eliminate the impossible cases. Number 2 makes case A and E impossible, so cross them out. Number 3 makes case B impossible, so cross that out. That leaves only cases D and F. Aldo takes the blue bus in both.

up

ame

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