

Quick Hit 2

1. Use the following symbolic representations of the given natural language statements.

t : I drink tea every day.

c : I drink coffee every day.

j : I drink apple juice every day.

- (a) Give a symbolic representation of the following natural language sentences

i. If I drink tea every day, then I drink coffee and apple juice every day.

ii. I drink neither coffee nor tea every day, but I drink apple juice every day.

- (b) Give a natural language representation of the following symbolic statements.

i. $(t \wedge c) \rightarrow (\sim j)$

ii. $\sim (c \vee j)$