

17 Apr '25

HW: 115 More AI exercises on simplifying boolean expressions — using Boolean properties

(2) For all of these, also verify the answers using Truth tables.

Eg: ⁽¹⁾

		⁽³⁾ $A \vee F$		⁽⁴⁾ $B \vee F$		⁽⁵⁾ $(3) \text{ and } (4)$		⁽⁶⁾ $A \text{ and } B$	
A	B								

So, ⁽⁵⁾ and ⁽⁶⁾ should be equal.

→ Practice on converting while loops to for loops and vice versa

→ For nested loops, think of what's inside each loop as a separate function and convert the loop and keep what's inside as the same. Then change the next nested loop. And so on.

→ Example on break / continue / return inside a loop.

→ HW: Finish converting ~~all~~ loop examples 3 to 5 (1, 2 are done in class)

→ Ques: Write a function that does multiplication of two numbers passed as parameters, without using '*'. Use a ~~for~~ loop and repeated addition.

Also, do power as repeated multiplication using while loop.