

- **Suggested Preparation for homework:**

- Do the **You try it** exercises on the following pages: p. 238, p. 240, pp. 245-246, pp. 290-291
- Do exercise 10.21 (p. 279)

- **Required homework by electronic submission.** Do the following exercises, SUBMITTING your answers electronically through the grade grinder. Please SUBMIT these exercises all at the same time, with your TF listed as instructor, before 11:30 AM on 11/1.

- 9.9
- 9.14
- 9.16
- 9.17
- 10.25, 10.27, 10.29: to check a sentence in Fitch using Taut Con, enter the sentence below the premise bar; for FO validities, save the file in Fitch as Proof 10.xx, substituting the proper exercise number for xx, and SUBMIT; if the sentence is not a FO validity, SUBMIT a world from Tarski's World
- 11.4
- 11.5
- 11.6
- 11.7, part 3 only

Tue Oct 25 10:42:26 EDT 2005

Fitch: Proof 10.28.prf

1.

2.  $\exists w (\text{Dodec}(w) \wedge \text{Large}(b)) \leftrightarrow (\exists w \text{Dodec}(w) \wedge \text{Large}(b))$ 

✓ FO Con

The following files were submitted:

Proof 10.28.prf  
World 10.24.wld

EXERCISE 10.24

World 10.24 (Student file: "World 10.24.wld")  
Your world falsifies the given sentence. Spiffy!

Proof 10.24 (Student file: not submitted)

EXERCISE 10.28

World 10.28 (Student file: not submitted)

Proof 10.28 (Student file: "Proof 10.28.prf")  
Your proof is correct. Bravo!