

Introduction

Exercises

1. Exercise 1:

- (a) Let P stand for "We'll have a reading assignment", Q for "We'll have a homework problem" and R for "We'll have a test", then

$$(P \vee Q) \wedge \neg(Q \wedge R)$$

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- (b) Let P stand for "You will go skiing" and Q for "There will be snow", then

$$\neg P \vee (P \wedge \neg Q)$$

- (c) $\neg[(\sqrt{7} < 2) \wedge (\sqrt{7} - 2)]$