

2.25.1. Truth Tree Problems: Tautology, Contradiction, and Logical Equivalence

A. For each pair of sentences, **translate** both into formal language; then build two **truth trees** to show that the two sentences are **logically equivalent**.

1a. Though neither Suki nor Trixie studied for the exam, they both passed it.

1b. Suki passed the exam without studying for it, and so did Trixie.

2a. Either Suki is neither tall nor tall and skinny, or she's neither tall nor skinny.

2b. Suki's not tall.

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