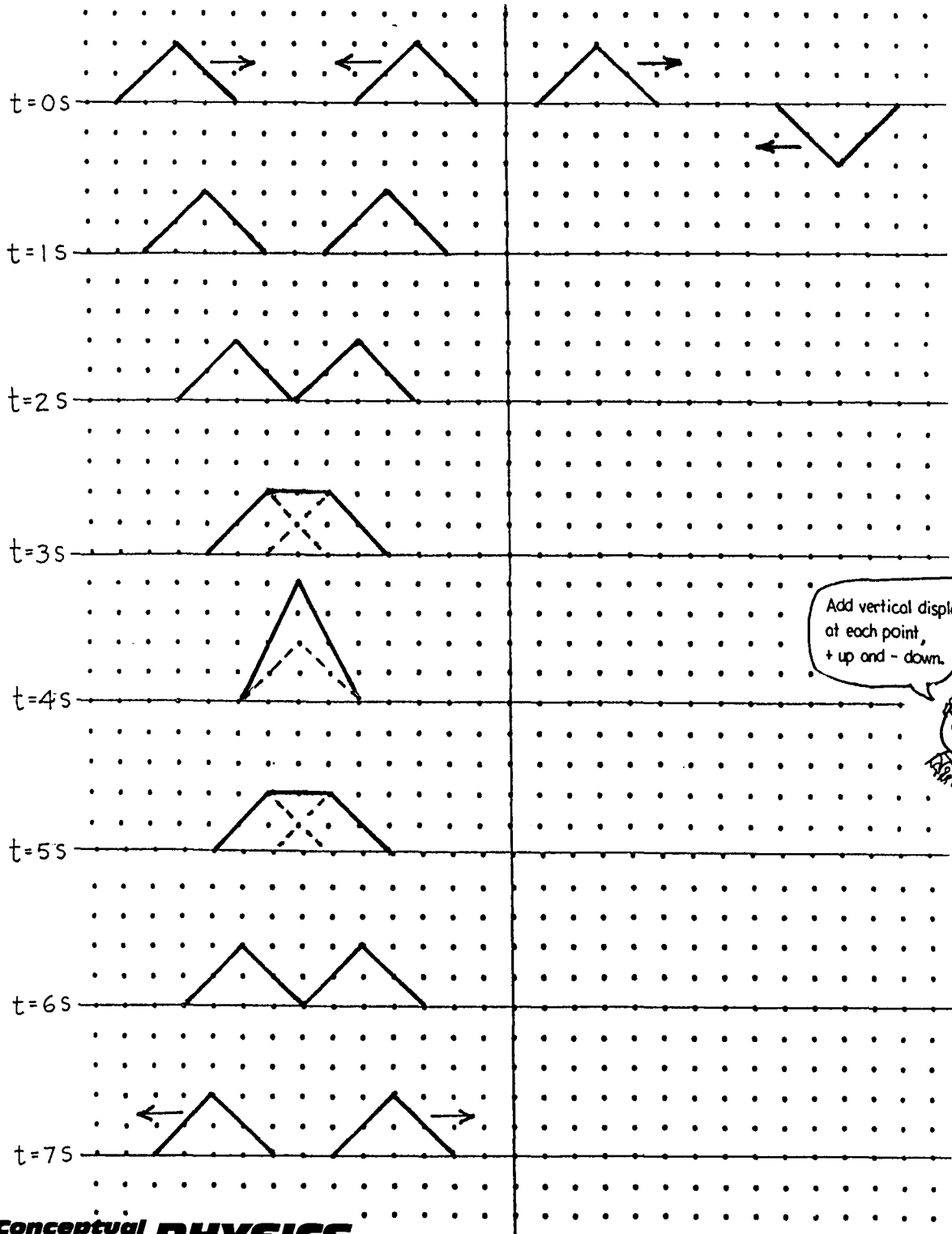


# Concept-Development Practice Page

# 25-3

## Wave Superposition

A pair of pulses travel toward each at equal speeds. The composite waveforms as they pass through each other and interfere are shown at 1-second intervals. In the left column note how the pulses interfere to produce the composite waveform (solid line). Make a similar construction for the two wave pulses in the right column. Like the pulses in the first column, they each travel at 1 space per second.



**Conceptual PHYSICS**

thank to Marshall Ellenstein

Construct the composite waveforms at 1-second intervals for the two waves traveling toward each other at equal speed.

