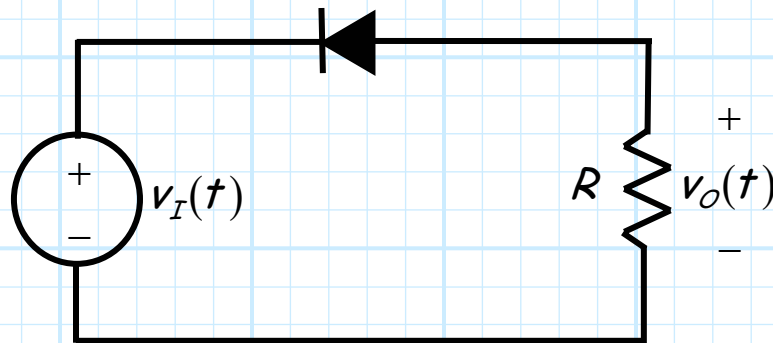


Special Problem 3.5-1

Consider **carefully** the rectifier below (note we have **not** studied **precisely** this circuit before!).

The diode is **IDEAL!!**

1) Determine the **transfer function** of this circuit:



2) For the **input** signal below, carefully sketch the resulting **output** signal (on next page).

