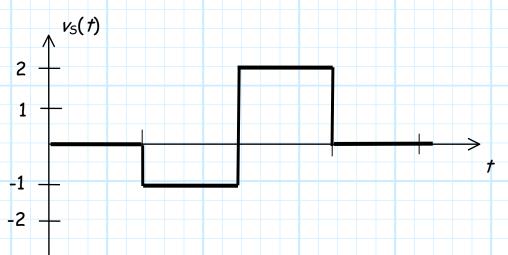
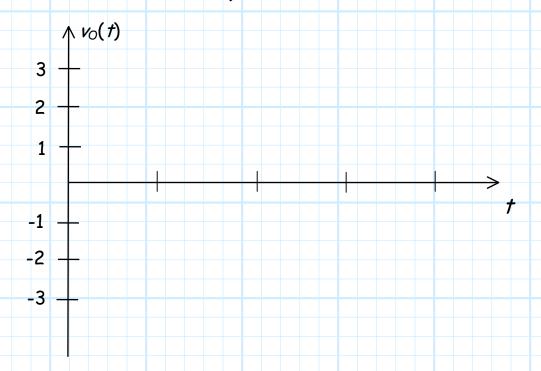
Special Problem 3.5-6

Say that the input to **some** rectifier circuit is $v_s(t)$ shown below:

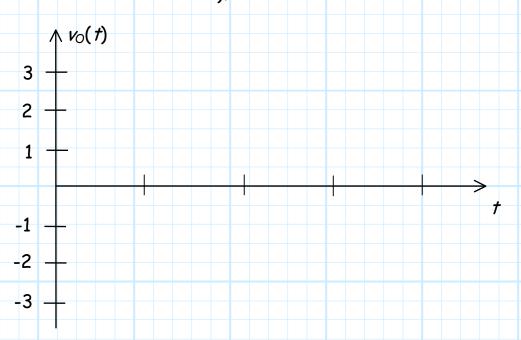


1. Carefully sketch below the **output signal** $v_{o}(t)$ if this rectifier were an **IDEAL full-wave rectifier** (you are not required to show any other work besides the sketch).



TURN TO THE NEXT PAGE !!!!!!!!!

2. Carefully sketch below the **output signal** $v_{\mathcal{O}}(t)$ if this rectifier were an **IDEAL half-wave rectifier** (you are not required to show any other work besides the sketch).



3. Carefully sketch below the **output signal** $v_{o}(t)$ if this rectifier had the transfer function given below (you are not required to show any other work besides the sketch).

