Special Problem 2.8-2
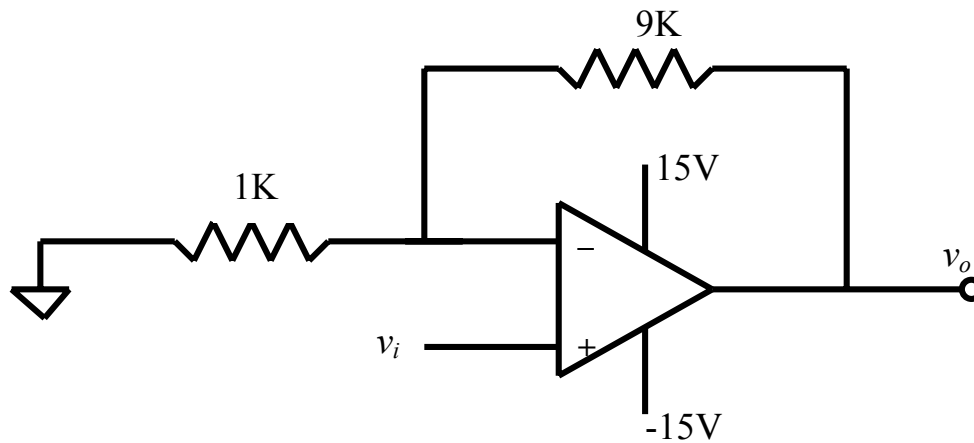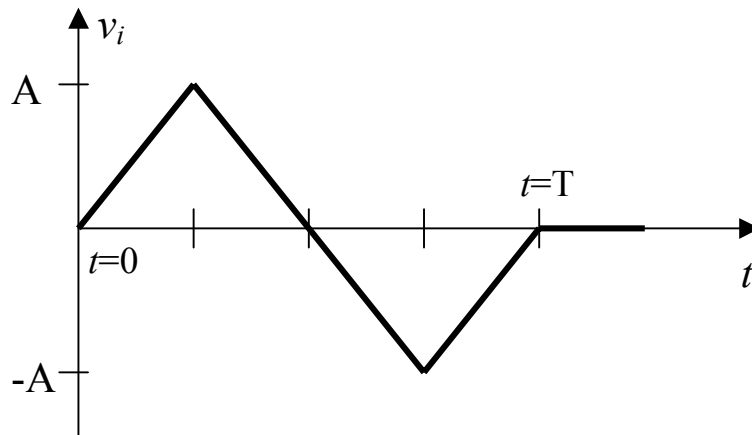
Consider the following amplifier:

The **Slew Rate** of the Op-Amp is **10V/μs**.

The D.C. **power supply** voltages are **+/- 15 Volts**.

The **input** signal v_i is a triangle wave with **period T** and **magnitude A**:

1)   If **T = 4 μsec**, what is the largest value of **A** that will produce a distortion-free output v_o?

2)   If **T = 8 μsec**, what is the largest value of **A** that will produce a distortion-free output v_o?