Special Problem 2.8-3

The op-amp used in the amplifier below has a **slew rate of 12.0 V/s**.

The op-amp uses DC power supplies of +/- 10 V.

The input to this amplifier is \( v_I(t) = 0.1(6.0 - t^2) \) volts, where \( t \) is time in microseconds.

At what **time** \( t \) will the output of this amplifier **distort**?