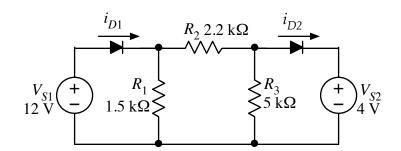
Name_____

For the circuit shown at right, find the currents in the two diodes. Use the on/off model for the diodes. Be sure to check your assumptions after your initial calculation.



Then repeat the calculation with $V_{S2} = 12 \text{ V}$.

 $V_{S2} = 4 \text{ V}$:

 $i_{D1} = \underline{\hspace{1cm}} i_{D2} = \underline{\hspace{1cm}}$

 $V_{S2} = 12 \text{ V}$:

 $i_{D1} = \underline{\hspace{1cm}} i_{D2} = \underline{\hspace{1cm}}$