

L11Q1	Based on the exponential equation for the I-V characteristics, can the diode supply power?	no			
L11Q2	What is the current flowing through the diode if $V_T < 0$?	For negative voltages the current approaches -Is the saturation current which is very small ~ 0			
L11Q3	What is the minimum V_T of the connected linear circuit which causes current to flow through the diode if the piecewise linear model above is used?	$V_T > V_{ON}$			
L11Q4	What is the power dissipated by a Ge diode if 30 mA is flowing through it?	9 mW	0.009	W	
L11Q5	What is the current through the diode in the top left circuit?	11.5 mA	0.0115	A	
L11Q6	What is the current through the diode in the top right circuit?	0 mA			
L11Q7	What is the current through the diode in the circuit?	0 mA			