

### Special Problem 3.2-1

In the lab, you place a **negative** voltage across a diode and measure a tiny current of  $I = 10^{-12} \text{ A}$  running through the diode from the cathode to the anode. Then, you place a **positive** voltage of 0.6 V across the diode and measure a current of 2 mA (from anode to cathode). What current would you measure if you then placed a positive voltage 0.7 V across the diode?