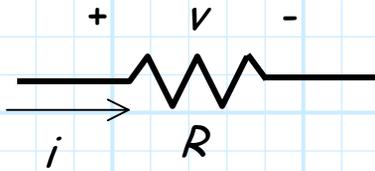
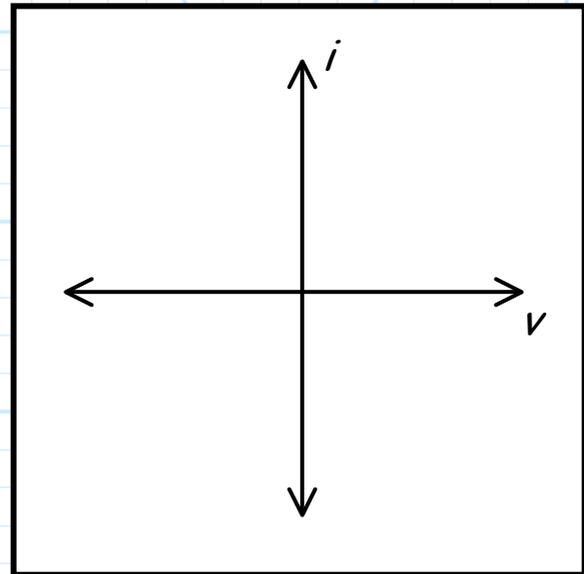


Linear Device Behavior

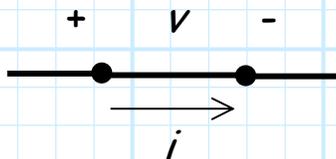
1) Recall the circuit behavior of a **resistor**:



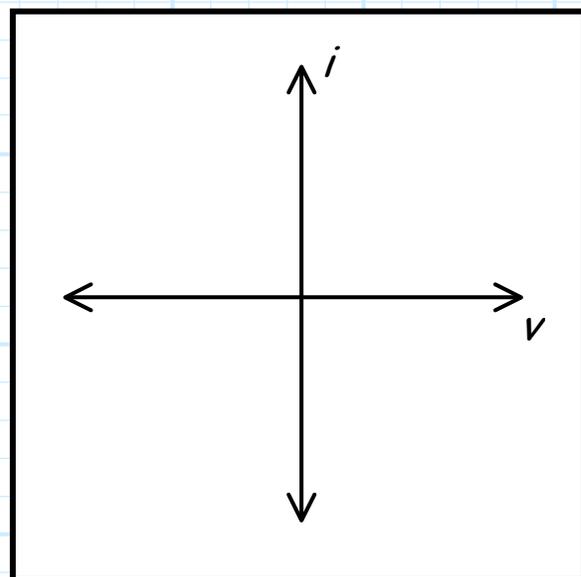
$$i = \frac{v}{R}$$



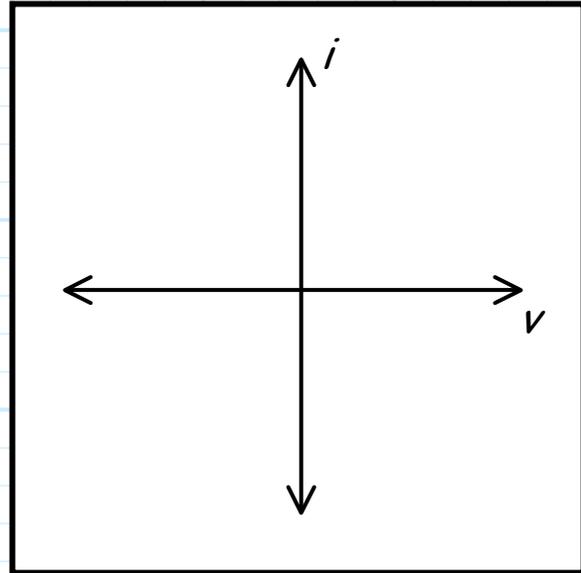
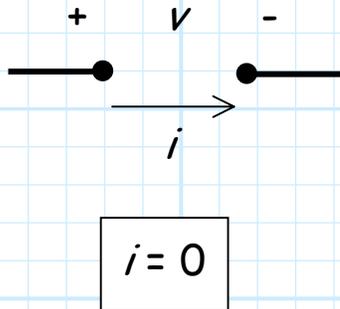
2) If $R=0$, then we have a **short circuit**:



$$v = 0$$



3) If $R = \infty$, then we have an **open circuit**:



4) We can also plot the behavior of both current and voltage sources:

