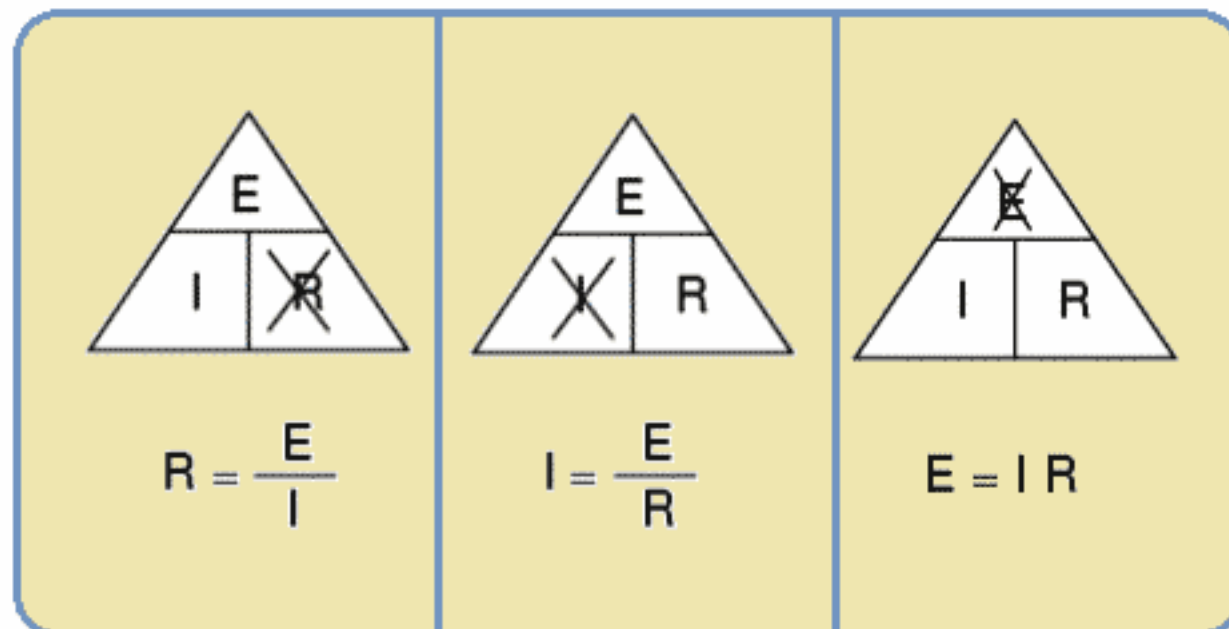
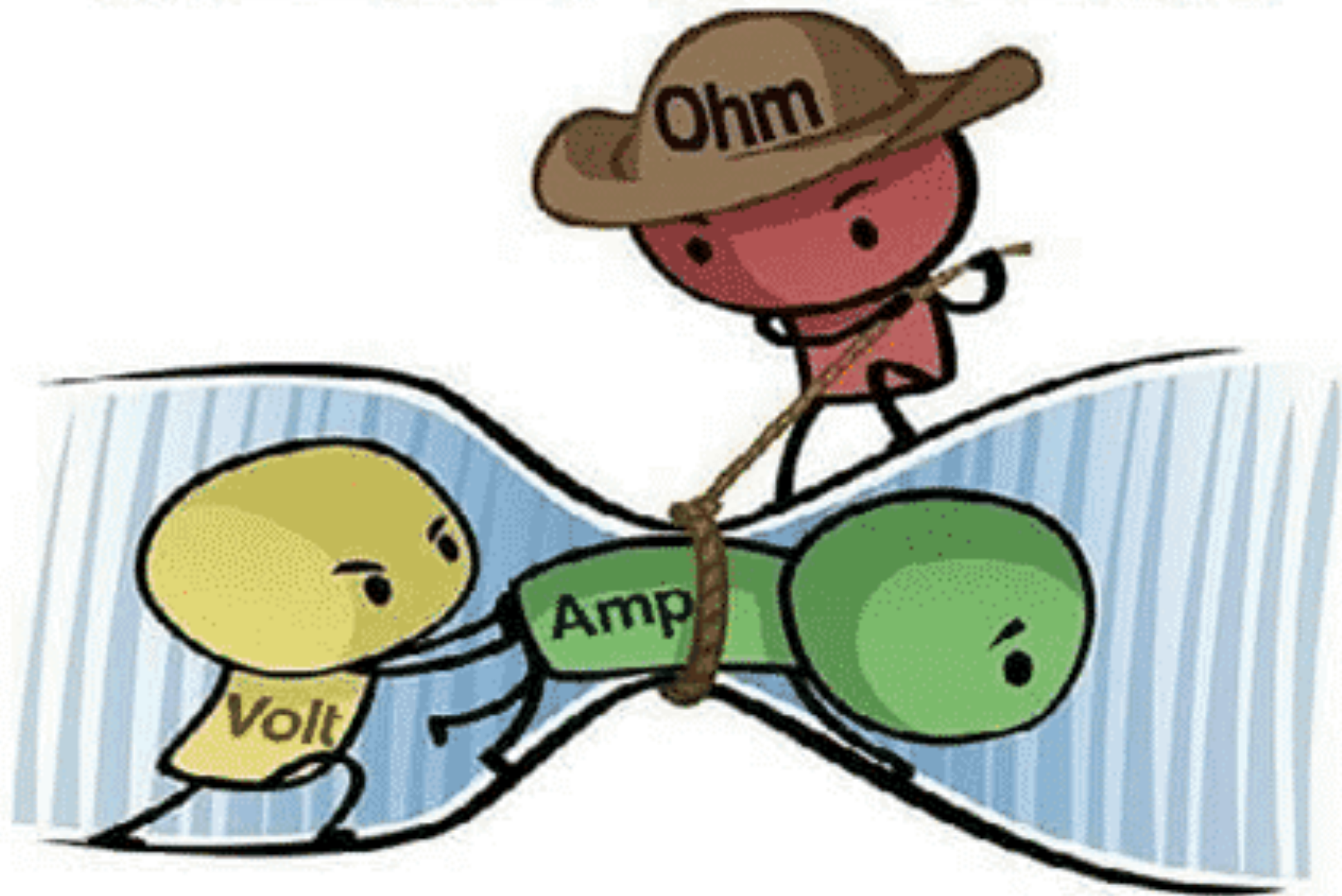
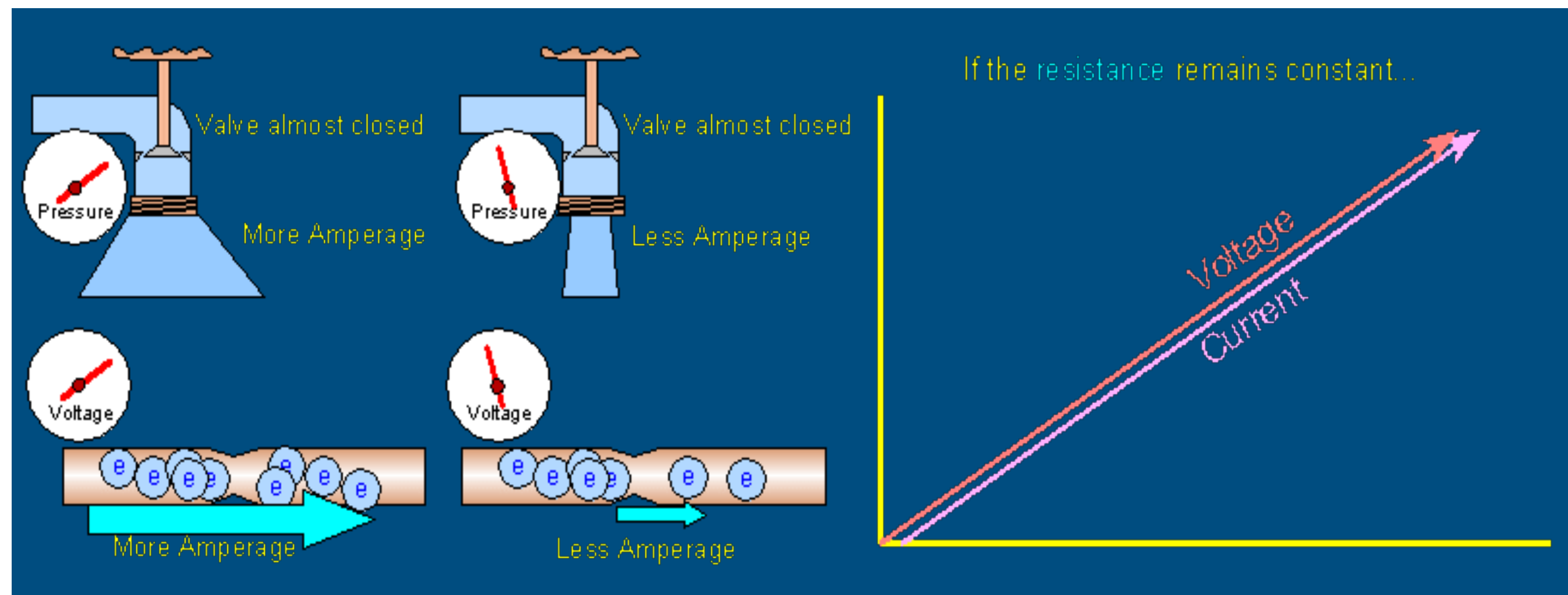
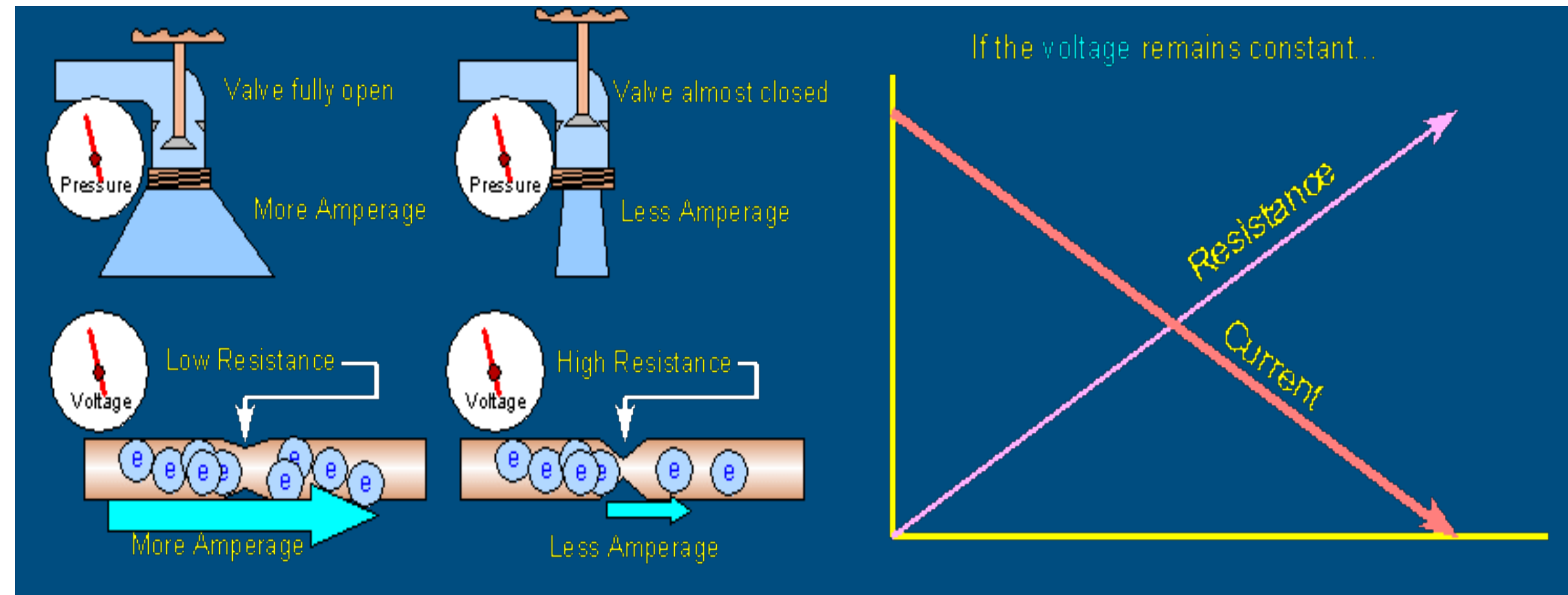


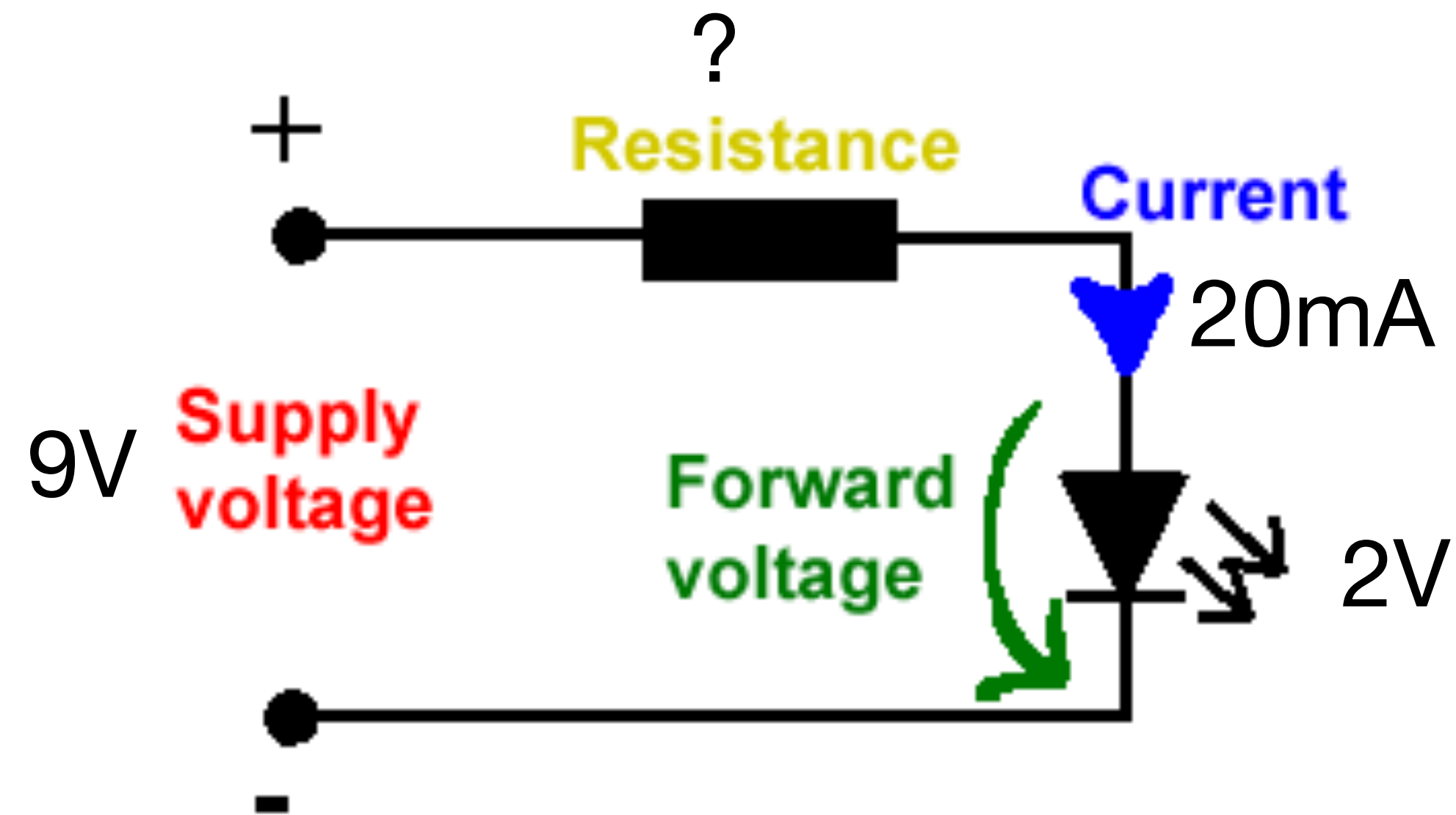
# WHAT IS OHM'S LAW



Quantity	Symbol	Unit of Measurement	Unit Abbreviation
Current	I	Ampere (Amp)	A
Resistance	R	Ohm	$\Omega$
Voltage	E or V	Volt	V



# How to Calculate Resistance?

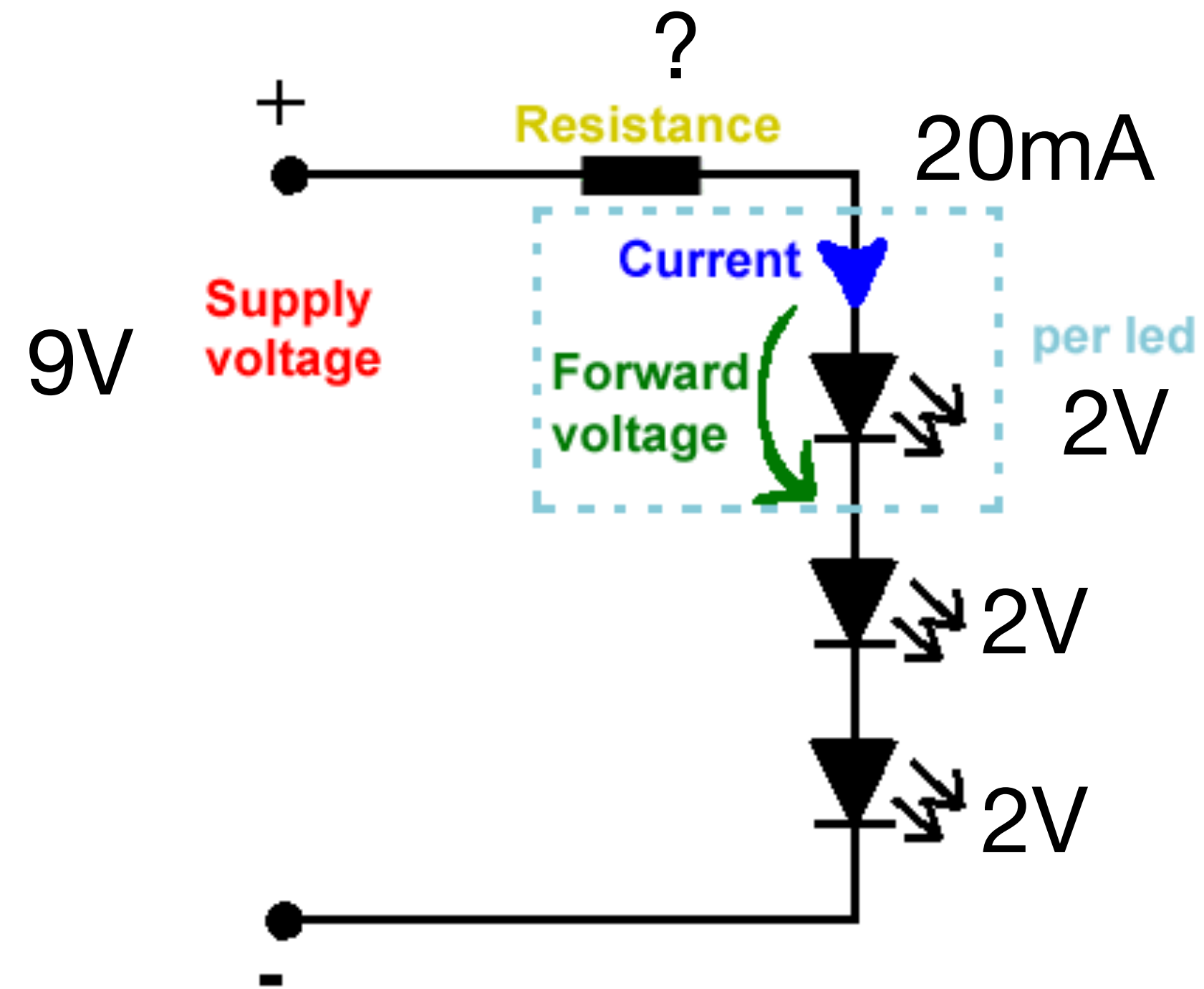


$$R = \frac{(V_s - V_{LED})}{I_{LED}}$$

$$R = \frac{(9 - 2)}{(0.020)} = 350 \text{ Ohm}$$



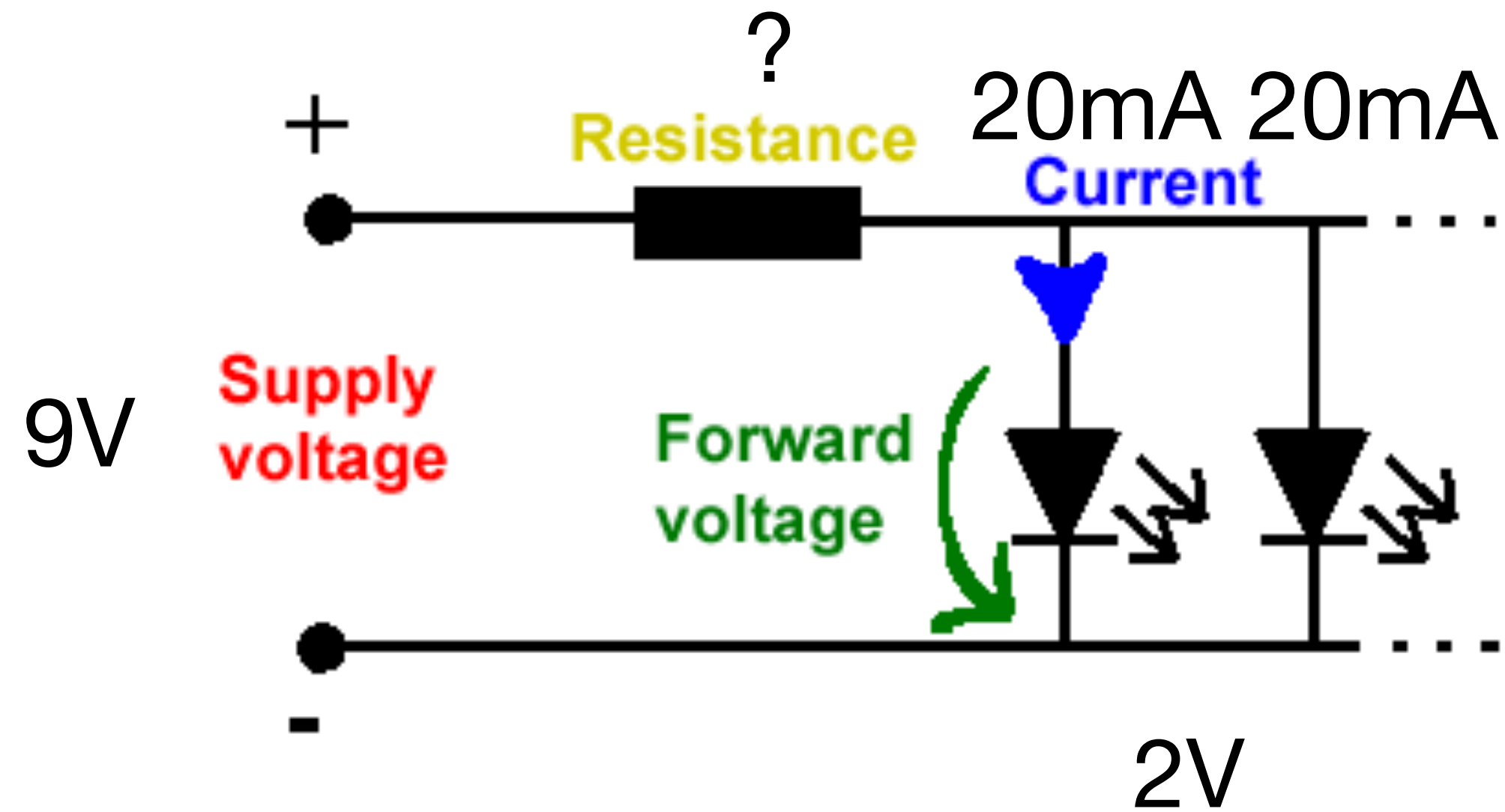
# How to Calculate Resistance?



$$R = \frac{(V_s - V_{LED})}{I_{LED}}$$

$$R = \frac{9 - (2+2+2)}{(0.020)} = 150 \text{ Ohm}$$

# How to Calculate Resistance?



$$R = \frac{(V_s - V_{LED})}{I_{LED}}$$

$$R = \frac{9 - 2}{(0.020 + 0.020)} = 150 \text{ Ohm}$$