

Resistor



Ammeter



measures CURRENT

Voltmeter

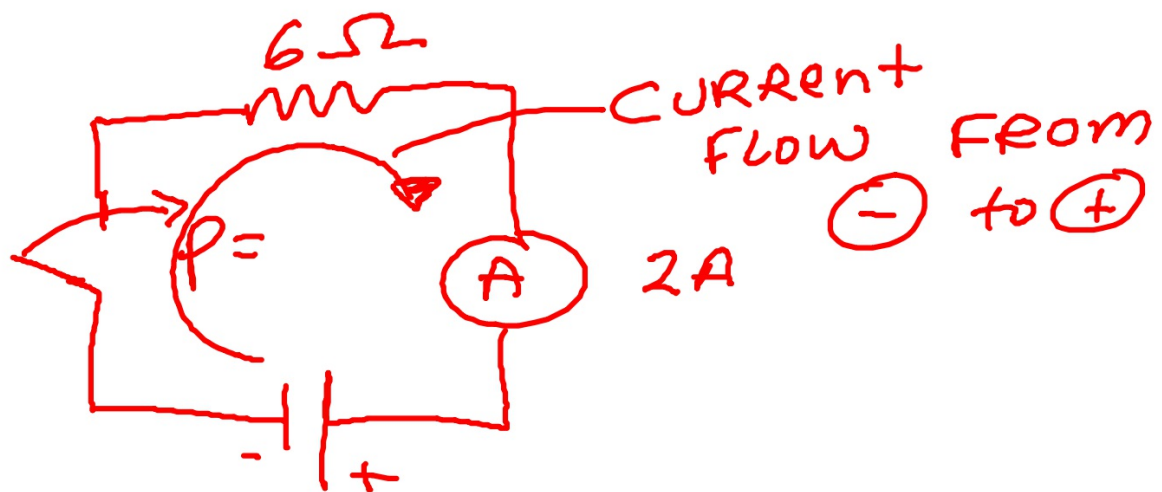


MEASURING VOLTS

CURRENT	I	AMPS(A)
VOLTAGE	V	Volts(V)
Resistance	R	OHMS( $\Omega$ )
Power	P	WATTS(W)

OHM'S LAW  
 $V = IR$

Power  
 $P = IV$



$$V = ?$$

$$V = IR = (2A)(6\Omega) = 12V$$

$$P = IV = (2A)(12V) = 24W$$