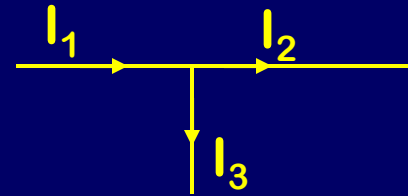


Kirchhoff's Junction Rule

Current Entering = Current Leaving

$$I_1 = I_2 + I_3$$



Preflight 6.3

Calculate the current through battery.

1) $I_B = 0.5 \text{ A}$ 2) $I_B = 1.0 \text{ A}$ 3) $I_B = 1.5 \text{ A}$

$$I_B = I_1 + I_2 = 1.5 \text{ A}$$

