



CheckPoint 2c

Compare the voltage across R_2 with the voltage across R_3

A $V_2 > V_3$

B $V_2 = V_3 = V$

C $V_2 = V_3 < V$

D $V_2 < V_3$

$$V_2 = I_2 R_2$$

$$V_3 = I_3 R_3$$

$I_2 = I_3$ (Series)
 $R_2 = R_3$ (Problem statement)

$$V_2 = V_3$$

$$V_{23} = V$$

$$V_{23} = V_2 + V_3$$

$$V_2 = V_3 = \frac{V}{2}$$