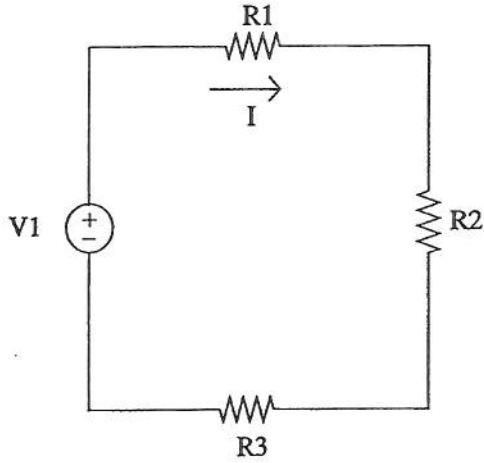


4. When $V_1=10\text{V}$, $I=1\text{A}$, and the voltage drops across R_1 and R_2 are 2V and 3V , respectively. Find R_3 and the power dissipated in R_3 .



Ans: $R_3 = 5\Omega$
 $P = 5\text{W}$