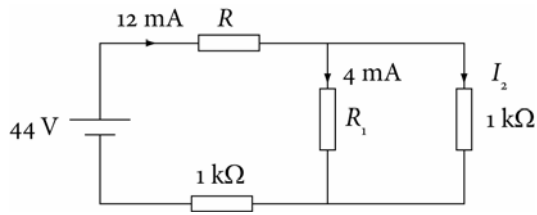


## RESISTOR CIRCUITS 2

Applying the rules for voltage and current dividers, find the missing quantities in the five resistor circuits.

A

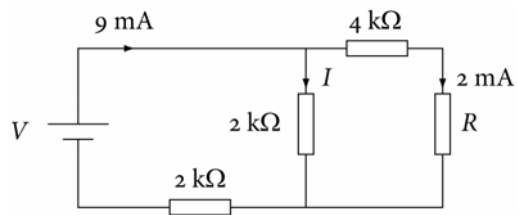


$R =$

$R_1 =$

$I_2 =$

B

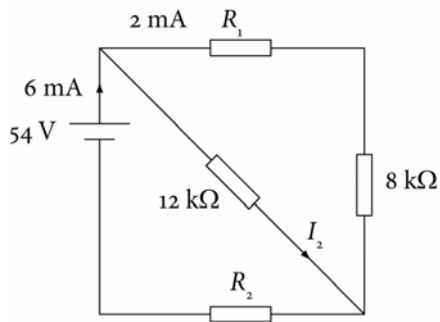


$V =$

$R =$

$I =$

C

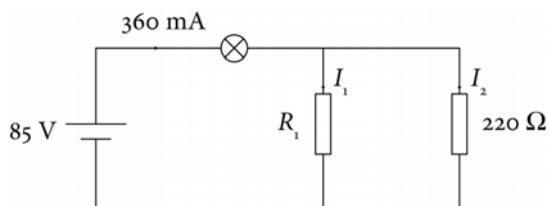


$R_1 =$

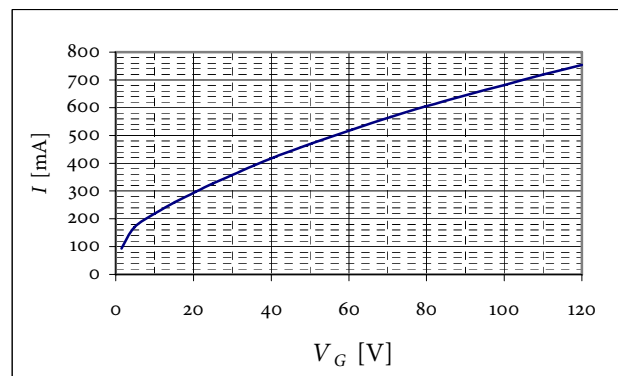
$R_2 =$

$I_2 =$

D



Characteristic of the light bulb:



$R_1 =$

$I_1 =$

$I_2 =$

SOLUTIONS: A 2 kΩ, 2 kΩ, 8 mA; B 32 V, 3 kΩ, 7 mA; C 16 kΩ, 1 kΩ, 4 mA; D 0.5 kΩ, 250 mA, 110 mA