

Question 17 (2 marks)

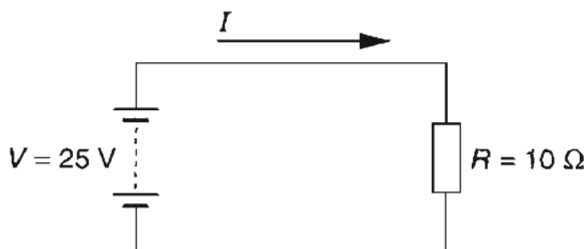
(a) Write an equation for Ohm's Law.

1

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$$I = \frac{V}{R}$$

(b) Calculate the current in the electrical circuit shown.

1



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$$\frac{V}{R} = I = \frac{V}{R} = \frac{25}{10}$$

$$I = 2.5 \text{ A}$$