

Question 17 (2 marks)

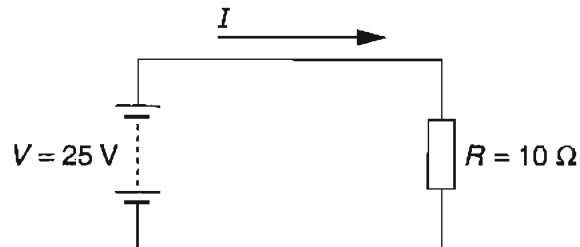
(a) Write an equation for Ohm's Law.

1

$$V = I \times R$$

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

1



$$V = I \times R$$

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

$$= \frac{25}{10}$$

$$= 2.5 \text{ A}$$