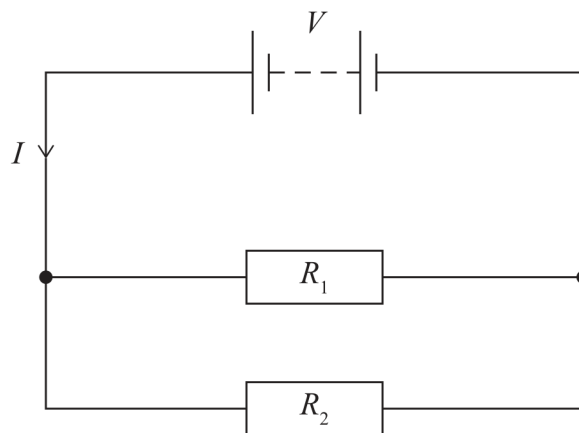


12 Two resistors are connected in a circuit, as shown.



An expression for the combined resistance of the two resistors is $\frac{R_1 R_2}{R_1 + R_2}$

Derive this expression.

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(Total for Question 12 = 3 marks)

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