6 The resistance R of an unknown resistor is found by measuring the potential difference V across the resistor and the current I through it and using the equation $R = \dfrac{V}{I}$. The voltmeter reading has a 3% uncertainty and the ammeter reading has a 2% uncertainty.

What is the uncertainty in the calculated resistance?

A 1.5% **B** 3% **C** 5% **D** 6%