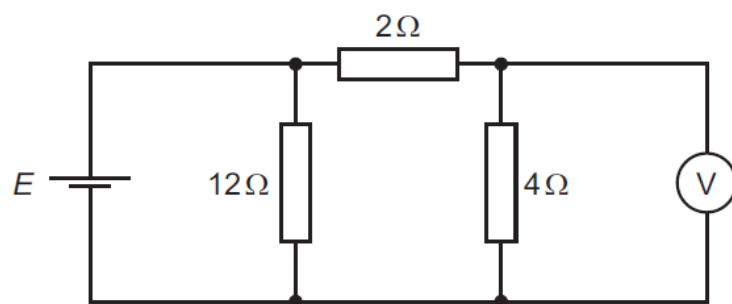**23** A cell of electromotive force (e.m.f.) E and negligible internal resistance is connected into a circuit, as shown.

The voltmeter has a very high resistance and reads a potential difference V_{out}.

What is the ratio $\dfrac{V_{out}}{E}$?

A $\dfrac{1}{6}$ **B** $\dfrac{1}{3}$ **C** $\dfrac{1}{2}$ **D** $\dfrac{2}{3}$