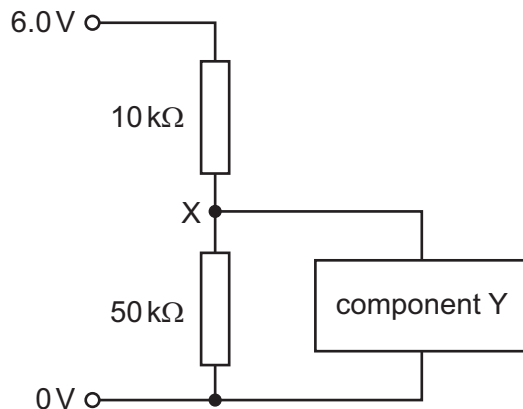


38 The circuit shown consists of two resistors of resistances $10\text{ k}\Omega$ and $50\text{ k}\Omega$ and a component Y.

A 6.0 V supply is provided. The electric potential of the bottom wire is 0 V .



The current in component Y is negligible.

What is the electric potential at junction X?

- A** 1.0 V **B** 1.2 V **C** 4.8 V **D** 5.0 V