

### **Answer on Question #41575 – Physics - Other**

Which of the following is not an equation of state of a thermodynamic system?

Charles law

Ideal gas law

Van der Waals equation

Kirchoff's junction rule

#### **Solution:**

Charles Law is a special case of the Ideal Gas Law, which describes a state of a thermodynamic system.

Van der Waal's equation helps describe the behavior of fluids and the attraction between particles there in.

Kirchoff's Junction Rule is about current flowing through an electronic circuit (The principle of conservation of electric charge).

Hence, correct answer is «Kirchoff's Junction Rule»

**Answer:** Kirchoff's junction rule.

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