## **Test Plan**

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| **ID** | **Description** | **Expected input** | **Expected output** |
| ID\_1 | Celsius to Fahrenheit conversion | Input in Celsius | Output in Fahrenheit |
| ID\_2 | Celsius to Kelvin conversion | Input in Celsius | Output in Kelvin |
| ID\_3 | Celsius to Rankine conversion | Input in Celsius | Output in Rankine |
| ID\_4 | Celsius to Reaumur conversion | Input in Celsius | Output in Reaumur |
| ID\_5 | Fahrenheit to Celsius conversion | Input in Fahrenheit | Output in Celsius |
| ID\_6 | Fahrenheit to kelvin conversion | Input in Fahrenheit | Output in Kelvin |
| ID\_7 | Fahrenheit to Rankine conversion | Input in Fahrenheit | Output in Rankine |
| ID\_8 | Fahrenheit to Reaumur conversion | Input in Fahrenheit | Output in Reaumur |
| ID\_9 | Kelvin to Celsius conversion | Input in Kelvin | Output in Celsius |
| ID\_10 | Kelvin to Fahrenheit conversion | Input in Kelvin | Output in Fahrenheit |
| ID\_11 | Kelvin to Rankine conversion | Input in Kelvin | Output in Rankine |
| ID\_12 | Kelvin to Reaumur conversion | Input in Kelvin | Output in Reaumur |
| ID\_13 | Rankine to Celsius conversion | Input in Rankine | Output in Celsius |
| ID\_14 | Rankine to Fahrenheit conversion | Input in Rankine | Output in Fahrenheit |
| ID\_15 | Rankine to Kelvin conversion | Input in Rankine | Output in Kelvin |
| ID\_16 | Rankine to Reaumur conversion | Input in Rankine | Output in Reaumur |
| ID\_17 | Reaumur to Celsius conversion | Input in Reaumur | Output in Celsius |
| ID\_18 | Reaumur to Fahrenheit conversion | Input in Reaumur | Output in Fahrenheit |
| ID\_19 | Reaumur to Kelvin conversion | Input in Reaumur | Output in Kelvin |
| ID\_20 | Reaumur to Rankine conversion | Input in Reaumur | Output in Rankine |
| ID\_21 | Watt to Kilowatt conversion | Input in watt | Output in kilowatt |
| ID\_22 | Watt to HP conversion | Input in watt | Output in HP |
| ID\_23 | Kilowatt to watt conversion | Input in kilowatt | Output in watt |
| ID\_24 | Kilowatt to HP conversion | Input in kilowatt | Output in HP |
| ID\_25 | HP to Watt conversion | Input in HP | Output in watt |
| ID\_26 | HP to Kilowatt conversion | Input in HP | Output in kilowatt |