# Test Documentation - Advanced JavaScript and Tailwind CSS

**Distance Conversion Tests**

1. Convert 1 mile to km (Expected: 1.60934)

A screenshot of a computer

Description automatically generated

1. Convert 1 km to miles (Expected: 0.621371)

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1. Convert multiple values from Miles to Kilometers

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1. Convert multiple values from Kilometers to Miles

A screenshot of a computer

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**Temperature Conversion Tests**

1. Convert 32°F to Celsius (Expected: 0)

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1. Convert 100°F to Celsius (Expected: 37.78)

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1. Convert multiple values from Fahrenheit to Celsius

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1. Convert 0°C to Fahrenheit (Expected: 32)

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Description automatically generated

1. Convert 37.78°C to Fahrenheit (Expected: 100.004)

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1. Convert multiple values from Celsius to Fahrenheit

A screenshot of a computer

Description automatically generated

**Weight Conversion Tests**

1. Convert 1 pound to kg (Expected: 0.453592)

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1. Convert 1 kg to pounds (Expected: 2.20462)

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1. Convert multiple values from Pounds to Kilograms

A screenshot of a computer

Description automatically generated

1. Convert multiple values from Kilograms to Pounds

A screenshot of a computer

Description automatically generated