

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Multiplication and Division</title>
```

```
<style>
```

```
body {
```

```
  font-family: sans-serif;
```

```
}
```

```
#container {
```

```
  width: 300px;
```

```
  margin: 0 auto;
```

```
  padding: 20px;
```

```
  border: 1px solid #ccc;
```

```
}
```

```
label {
```

```
  display: block;
```

```
  margin-bottom: 5px;
```

```
}
```

```
input[type="number"] {
```

```
  width: 100%;
```

```
  padding: 8px;
```

```
  margin-bottom: 10px;
```

```
  box-sizing: border-box;
```

```
    box-sizing: border-box;
}

button {
    padding: 8px 15px;
    margin-right: 10px;
    cursor: pointer;
}

#result {
    margin-top: 20px;
    font-weight: bold;
}

</style>
</head>
<body>

<div id="container">
    <h2>Multiplication and Division</h2>
    <label for="num1">1st Number:</label>
    <input type="number" id="num1"
value="12"><br><br>

    <label for="num2">2nd Number:</label>
    <input type="number" id="num2"
```

```
value="10"><br><br>
```

```
<button onclick="multiply()">Multiply</button>
```

```
<button onclick="divide()">Divide</button>
```

```
<div id="result">The Result Is: </div>
```

```
</div>
```

```
<script>
```

```
function multiply() {
```

```
    const num1 =
```

```
    parseFloat(document.getElementById("num1").  
value);
```

```
    const num2 =
```

```
    parseFloat(document.getElementById("num2").  
value);
```

```
    if (isNaN(num1) || isNaN(num2)) {
```

```
        document.getElementById("result").textContent  
        = "The Result Is: Please enter valid numbers.";
```

```
        return; // Stop further execution
```

```
    }
```

```
value="10"><br><br>
```

```
<button onclick="multiply()">Multiply</button>
```

```
<button onclick="divide()">Divide</button>
```

```
<div id="result">The Result Is: </div>
```

```
</div>
```

```
<script>
```

```
function multiply() {
```

```
    const num1 =
```

```
parseFloat(document.getElementById("num1").  
value);
```

```
    const num2 =
```

```
parseFloat(document.getElementById("num2").  
value);
```

```
    if (isNaN(num1) || isNaN(num2)) {
```

```
document.getElementById("result").textContent  
= "The Result Is: Please enter valid numbers.";
```

```
    return; // Stop further execution
```

```
}
```

```
= "The Result Is: Please enter valid numbers.";
```

```
    return; // Stop further execution
```

```
}
```

```
const result = num1 * num2;
```

```
document.getElementById("result").textContent
```

```
= "The Result Is: " + result;
```

```
}
```

```
function divide() {
```

```
    const num1 =
```

```
parseFloat(document.getElementById("num1").  
value);
```

```
    const num2 =
```

```
parseFloat(document.getElementById("num2").  
value);
```

```
    if (isNaN(num1) || isNaN(num2)) {
```

```
document.getElementById("result").textContent
```

```
= "The Result Is: Please enter valid numbers.";
```

```
    return; // Stop further execution
```

```
}
```

```
if (num2 === 0) {
```

```
= "The Result Is: Please enter valid numbers.";
    return; // Stop further execution
}
if (num2 === 0) {

document.getElementById("result").textContent
= "The Result Is: Cannot divide by zero.";
    return;
}
const result = num1 / num2;

document.getElementById("result").textContent
= "The Result Is: " + result;
}
</script>

</body>
</html>
```



AI

CODE

I/O

RUN



Multiplication and Division

1st Number:

2nd Number:

The Result Is: 1.2