JS & DOM Reference

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JavaScript asin() Method

📙 JavaScript Math Object

Definition and Usage

The asin() method returns the arcsine of a number as a numeric value between -PI/2 and PI/2 radians.

Note: If the parameter x is outside the range -1 to 1, the browser will return NaN.

Syntax

```
Math.asin(x)
```

Parameter	Description
x	Required. A number

Browser Support

The asin() method is supported in all major browsers.

Tips and Notes

Tip: 1 will return the value of PI/2.

Example

Example

Return the arcsine of different numbers:

```
<script type="text/javascript">

document.write(Math.asin(0.64) + "<br />");
document.write(Math.asin(0) + "<br />");
document.write(Math.asin(-1) + "<br />");
document.write(Math.asin(1) + "<br />");
document.write(Math.asin(2));

</script>
```

The output of the code above will be:

```
0.6944982656265559
0
-1.5707963267948965
1.5707963267948965
NaN
```

Try it yourself »

📙 JavaScript Math Object