



## JS & DOM Reference

Overview

## JavaScript Objects

JS Array  
JS Boolean  
JS Date  
JS Math  
JS Number  
JS String  
JS RegExp  
JS Global

## Browser Objects

Window  
Navigator  
Screen  
History  
Location

## HTML DOM Objects

DOM Document  
DOM Events  
DOM Elements

DOM Anchor  
DOM Area  
DOM Base  
DOM Body  
DOM Button  
DOM Form  
DOM Frame/IFrame  
DOM Frameset  
DOM Image  
DOM Input Button  
DOM Input Checkbox  
DOM Input File  
DOM Input Hidden  
DOM Input Password  
DOM Input Radio  
DOM Input Reset  
DOM Input Submit  
DOM Input Text  
DOM Link  
DOM Meta  
DOM Object  
DOM Option  
DOM Select  
DOM Style  
DOM Table  
DOM td / th  
DOM tr  
DOM Textarea

# 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
```

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 [JavaScript Math Object](#)

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