JavaScript Math.round()

Examples

```
let x = Math.round(2.5);
```

```
let a = Math.round(2.60);
let b = Math.round(2.50);
let c = Math.round(2.49);
let d = Math.round(-2.60);
let e = Math.round(-2.50);
let f = Math.round(-2.49);
```

Description

The Math.round() method rounds a number to the nearest integer.

2.49 will be rounded down (2), and 2.5 will be rounded up (3).

JavaScript Math.abs()

Examples

```
let x = Math.abs(-7.25);
```

```
let a = Math.abs(7.25);
let b = Math.abs(-7.25);
let c = Math.abs(null);
let d = Math.abs("Hello");
let e = Math.abs(2-3);
```

Description

The Math.abs() method returns the absolute value of a number.

JavaScript Math.ceil()

Example

```
Math.ceil(1.4);
```

```
let a = Math.ceil(0.60);
let b = Math.ceil(0.40);
let c = Math.ceil(5);
let d = Math.ceil(5.1);
let e = Math.ceil(-5.1);
let f = Math.ceil(-5.9);
```

Description

The Math.ceil() method rounds a number rounded UP to the nearest integer.

JavaScript Math.floor()

Examples

```
let x = Math.floor(1.6);

let a = Math.floor(0.60);
let b = Math.floor(0.40);
let c = Math.floor(5);
let d = Math.floor(5.1);
let e = Math.floor(-5.1);
let f = Math.floor(-5.9);
```

Description

The Math.floor() method rounds a number DOWN to the nearest integer.

JavaScript Math.round()

Examples

```
let x = Math.round(2.5);

let a = Math.round(2.60);
let b = Math.round(2.50);
let c = Math.round(2.49);
let d = Math.round(-2.60);
let e = Math.round(-2.50);
let f = Math.round(-2.49);
```

Description

The Math.round() method rounds a number to the nearest integer.

2.49 will be rounded down (2), and 2.5 will be rounded up (3).

JavaScript Math.trunc()

Example

let x = Math.trunc(8.76);

Description

The Math.trunc() method returns the integer part of a number.

The Math.trunc() method removes the decimals (does NOT round the number).