

# Reference PR-M1-1 - Introduction to JavaScript

## Definitions:

execute	run the programming code
JavaScript statement	
modulus	
NaN	
Boolean	
string	
concatenation	used to join strings together with numbers or variables
interpolation	

**Numbers:** entered by: simply typing the number example: 73.6

## Numerical Operators:

operator	symbol	operator	symbol	operator	symbol	operator	symbol
add	+	subtract		multiply		divide	
modulus (see definitions)							
example of using modulus						returns	

**Parentheses (brackets):** used in calculations so that

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## JavaScript Math object:

Math object method	example	code	answer
power	$2^3$	Math.pow(2,3)	8
square root	$\sqrt{36}$		
round	round 7.8		
round down	round down 7.8		
$\pi$ (pi)	area of a circle (radius 10), rounded to nearest		

	integer value		
random number	random integer between 1 & 10		

**NaN function: (see**

code	returns
isNaN("Monday")	true
isNaN(6)	
isNaN("6")	

**definitions)**

### Comparators:

comparator	symbol	example	returns
equal to			
not equal to			
greater than	>		
greater than or equal to	>=		
less than			
less than or equal to			

**Strings: (see definitions)** entered by: \_\_\_\_\_

**Concatenation: (see definitions)** - best used when joining strings

example using string and number	
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**Interpolation: (see definitions)** - best used when joining variables into strings

example using string and number	
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### String comparators:

comparator	symbol	example	returns
equal to			
not equal to			

**String length property:** - syntax uses \_\_\_\_\_

example	"Programming in JavaScript".length	length is _____
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