JavaScript: Logical Operators: And/Or

Review
(Don't write this down, you already have it in your notes)

<u>If - Statement</u>:
A control structure that allows programmers to make decisions

<u>boolean</u>:
A value that can be true or false

<u>comparison operator</u>: a symbol that compares two values

Definitions

logical operator:
a symbol that links two or more booleans into a larger boolean statement

We have symbols that represent and and or

And

symbol: &&

rules:
If both sides are true, the whole expression is true
Otherwise, the whole expression is false

example:
```
if(age > 12 && age <= 19){
    console.log("You are a teenager");
}
```

Or

symbol: ||

rules:
If either side is true, the whole expression is true
Only if both sides are false is the whole expression false

example:
```
if(letter == "a" || letter == "e"){
   console.log("Letter is a vowel");
}
```