

JavaScript – Arithmetic Operators

Practice Problems

Answer the following questions WITHOUT executing the code in Codepen. Also, explain why do you think your answer is correct.

Q1. What will be printed in the console?

```
var num1 = 1 + 5; 6
var num2 = num1 / 4; 1.5
var num3 = 1 + 5; 6
var num4 = num3 / 4; 1.5
console.log(num2 + " " + num4); "1.5 1.5"
```

Q2. What will be printed in the console?

```
var a = 1;
var b = 2;
var c;
var d;
c = ++b; 3
d = a++; 2
c++; 4
b++; 4
++a; 3
console.log(a + " " + b + " " + c); "3 4 4"
```

Q3. What will be printed in the console?

```
var input = 7;  
var output1 = ++input + ++input + ++input;    8 + 9 + 10 = 27  
var output2 = input++ + input++ + input++;    10 + 11 + 12 = 33  
var output3 = input++ + ++input + input++;    13 + 15 + 15 = 43  
console.log(output1 + ' ' + output2 + ' ' + output3);  "27 33 43"
```

Codepen URL: <https://codepen.io/qaifikhan/pen/RzwLWd>

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All the Best!