

## JavaScript – Assignment Operators

### Practice Problems

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

Q1. With  $x = 0$ , which of the following statements will produce a value of 1?

- a) `x++;`
  - b) `x = x + 1;`
  - c) `x += 1;`
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Q2. With  $x = 1$ , which of the following statements will produce a value of 0?

- a) `x--;`
  - b) `x = x - 1;`
  - c) `x -= 1;`
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Q3. What will be the result of following statement?

<code>var num = 100;</code>	<code>100 + 5 * 10 / 2</code>
<code>num += 5 * 10 / 2;</code>	<code>100 + 50 / 2</code>
	<code>100 + 25</code>
	<code>125</code>

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Q4. What will be the result of following statement?

var num = 100;	100 * (2 * 10 / 5)
num *= 2 * 10 / 5;	100 * (20 / 5)
	100 * 4
	400

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Q5. What will be the result of following statement?

var num = 100;	100 / (2 * 8 - 15)
num /= 2 * 8 - 15;	100 / (16 - 15)
	100 / 1
	100

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

**My Twitter Handle:** @qaifikhan

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**All the Best!**