



Answersheet

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No. of questions attempted: 9

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Assignment: Math Object in JavaScript

Total no. of questions: 9

Total marks: 17

Result: **Not reviewed yet**

Sl. No.	Question	Actions
1	<p>What is the Math object in JavaScript used for?</p> <p>1 mark</p> <p>1. Manipulating strings 2. Handling user input</p> <p>3. Performing mathematical operations and functions 4. Controlling the browser window</p>	<p>Correct answer</p> <p>1 mark</p>
2	<p>How to round a number to the nearest whole number using a method from the Math object?</p> <p>1 mark</p> <p>1. Math.ceil() 2. Math.floor() 3. Math.round() 4. Math.abs()</p>	<p>Correct answer</p> <p>1 mark</p>
3	<p>Which mathematical operator in JavaScript is used to find the remainder of a division operation?</p> <p>1 mark</p> <p>1. % 2. / 3. ** 4. *</p>	<p>Correct answer</p> <p>1 mark</p>
4	<p>Which operator and method in JavaScript is used for exponentiation?</p> <p>1 mark</p> <p>1. *, Math.ceil() 2. **, Math.pow() 3. ^, Math.sqrt() 4. None of the above</p>	<p>Correct answer</p> <p>1 mark</p>



5	<p>What method of the Math object in JavaScript is used to calculate the square root of a number?</p> <p>1. Math.pow() 2. Math.ceil() 3. Math.sqrt() 4. Math.floor()</p>	1 mark	<p>Correct answer</p> <p>1 mark</p>
6	<p>What does the Math.floor() method in JavaScript do, and how is it different from Math.ceil()?</p> <p>Math.floor() Returns the whole number 1 step behind (rounds down). Math.ceil() Returns the whole number 1 step ahead (rounds up).</p>	5 marks	<p>Marks</p> <p>0</p>
7	<p>Generate a random integer between 25 and 50 in JavaScript?</p> <p>const randomNum = Math.floor(Math.random() * (50 - 25 + 1)) + 25; console.log(randomNum);</p>	5 marks	<p>Marks</p> <p>0</p>
8	<p>What is the result of dividing a number by zero in JavaScript?</p> <p>1. Infinity 2. NaN 3. 0 4. Error</p>	1 mark	<p>Correct answer</p> <p>1 mark</p>
9	<p>What is the output of the following JavaScript code?</p> <p><i>let result = "hello" - 5;</i></p> <p><i>console.log(result);</i></p> <p>1. hello5 2. 5 3. NaN 4. undefined</p>	1 mark	<p>Correct answer</p> <p>1 mark</p>