

Worksheet

1

Name:

Roll No: Class: Section:

Date:

EXPLORING MATHS WITH CODING

Chapter-9

A. Tick (✓) the correct option.

1. How many variables are created to calculate the multiplication of two numbers?

a. One <input type="checkbox"/>	b. Two <input type="checkbox"/>
c. Three <input type="checkbox"/>	d. Fourth <input type="checkbox"/>
2. What category of block is used to take input from the user?

a. Output <input type="checkbox"/>	b. Variables <input type="checkbox"/>
c. Math <input type="checkbox"/>	d. Input <input type="checkbox"/>
3. What type of block is used to perform the multiplication operation?

a. Conversion <input type="checkbox"/>	b. Variables <input type="checkbox"/>
c. Math <input type="checkbox"/>	d. Output <input type="checkbox"/>
4. What is the purpose of the print block in the program?

a. To prompt the user for input <input type="checkbox"/>	
b. To display the result <input type="checkbox"/>	
c. To perform mathematical operations <input type="checkbox"/>	
d. To create variables <input type="checkbox"/>	
5. What is the formula to calculate the perimeter of a rectangle?

a. $L + W$ <input type="checkbox"/>	b. $2L$ <input type="checkbox"/>
c. $2(L + W)$ <input type="checkbox"/>	d. $L \times W$ <input type="checkbox"/>

B. Answer the following questions:

1. Discuss the importance of coding in solving mathematical problems in AI.
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2. Explain the step-by-step process of creating a program to calculate the multiplication of two numbers in AI Connect.
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