# Chapter 6 (Math Expression II)

1. Code a short form of x = x + 1; Use either of the two legal expressions.
2. If x has a value of 100, what is the fastest way to reduce it to 99 with a math expression?
3. var x = 50; var y = x++;

What is the value of y?

1. var y = 50; var z = --y;

What is the value of z?

1. In a single statement, decrement num and assign its original value to newNum.
2. In a single statement add 1 to a variable and assign its original value to another variable.
3. Assign a number value to a variable. Increment the variable.

Display the new value in an alert

# Chapter 7 (Math Expression III)

1. var calculatedNum = 2 + (2 \* 6); What is the value of calculatedNum? 2. var calculatedNum = (2 + 2) \* 6; What is the value of calculatedNum?

1. var calculatedNum = (2 + 2) \* (4 + 2);

What is the value of calculatedNum?

1. var calculatedNum = ((2 + 2) \* 4) + 2;

What is the value of calculatedNum?

Note: Try all the above equations yourself.

1. Write a statement that assigns to cost the result of 2 + 2 \* 4 + 10, clarified with parentheses, producing 56.
2. Write a statement that assigns to units the result of 2 + 2 \* 4 + 10, clarified with parentheses, producing 20.
3. Write a statement that assigns to pressure the result of 4 / 2 \* 4, clarified with parentheses, producing 5.

# Chapter 8 (Concatenating Text Strings)

1. var num = "2" + "2";

What is the value of num? Include quotation marks.

1. message = ("Hello," + "Dolly");

What is the value of message? (Include the quotation marks.) Alert the statement

1. alert("33" + 3);

What message displays in the alert box?

1. Write an alert that displays the concatenation of the two parts of "Pakistan Zindabad".
2. Write a statement that assigns to a variable the concatenation of a string with a number
3. Assign strings to two variables. Then concatenate them and assign the result to a third variable.

# Chapter 9 (Prompts)

1. Code a prompt with the message "Enter first name". The user's response is assigned to firstName.
2. Code a prompt with the message "Country?" and the default answer "China". The user's response is assigned to country.
3. Correct this statement var yourName = prompt(Enter Your Name");
4. Code a prompt that specifies a string as the message Include a default input.
5. Assign strings to two variables. Code a prompt specifying the first variable as the message and the second variable as the default response. Assign the user's response to a third variable.
6. Display a prompt, including both a message and a default response.

Display the user's response in an alert.

================= THE END =================