1. Which of the following is a comment in Python?   `1 point`

   ○ // This is a test

   ○ /* This is a test */

   ○ * This is a test

   ● # This is a test

2. In the following code,   `1 point`

   ```
   1    x = 42
   ```

   What is "x"?

   ● A variable

   ○ A Central Processing Unit

   ○ A function

   ○ A constant

3. Which of the following is a bad Python variable name?   `1 point`

   ● spam.23

   ○ Spam

   ○ spam23

   ○ spam_23

4. Which of the following is not a Python reserved word?   `1 point`

   ● iterate

   ○ continue

   ○ else

   ○ break

5. Assume the variable x has been initialized to an integer value (e.g., x = 3). What does the following statement do?   `1 point`

   ```
   1    x = x + 2
   ```

   ○ Create a function called "x" and put the value 2 in the function

   ○ Produce the value "false" because "x" can never equal "x+2"

   ○ This would fail as it is a syntax error

   ● Retrieve the current value for x, add two to it and put the sum back into x

6. Which of the following elements of a mathematical expression in Python is evaluated first?   `1 point`

   ○ Subtraction -

   ● Parentheses ( )

   ○ Multiplication *

   ○ Addition +

7. What is the value of the following expression   `1 point`

   ```
   1    42 % 10
   ```

   Hint - the "%" is the remainder operator

   ● 2

   ○ 0.42

   ○ 10

   ○ 4210

8. What will be the value of x after the following statement executes: `1 point`

   ```
   1    x = 1 + 2 * 3 - 8 / 4
   ```

   ○ 4

   ● 5.0

   ○ 2.0

   ○ 8

9. What will be the value of x when the following statement is executed: `1 point`

   ```
   1    x = int(98.6)
   ```

   ● 98

   ○ 100

   ○ 99

   ○ 6

10. What does the Python **input()** function do?   `1 point`

- ◉ Pause the program and read data from the user
- ○ Connect to the network and retrieve a web page.
- ○ Read the memory of the running program
- ○ Take a screen shot from an area of the screen

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