Multiple Choice Questions on Python Variables, Data Types, and Operators

1. Which of the following is a valid Python variable name?

	(a)	1st_value
	(b)	first-value
	(c)	_first_value
	(d)	first value
2.	Wha	at is the output (and its type) of the expression $2 + 3 * 4$?
	(a)	20 (int)
	(b)	14 (int)
	(c)	5.0 (float)
	(d)	14.0 (float)
3.	Wha	at is the data type of the result of '3' + '4'?
	(a)	int
	(b)	str
	(c)	float
	(d)	list
4.	Wha	at does the Boolean expression not (True and False) evaluate to?
	(a)	True
	(b)	False
	(c)	None
	(d)	Raises a SyntaxError
5.	Wha	at are the results of the expressions $7\ //\ 3$ and $7\ \%\ 3$, respectively?
	(a)	2 and 1
	(b)	2.33 and 1.0
	(c)	$2 \ \mathrm{and} \ 0$
	(d)	3 and 1

6. What is the result of the operation 5 < 1?
(a) True (b) False
7. Given $x = 10$, what will be the value of x after evaluating $x *= 3$?
(a) 3(b) 10(c) 30(d) 100
8. Which of the following data types in Python is mutable?
(a) tuple(b) str

(c) list (d) int