Which of the following items have corresponding Python data types?

- Integers
- ✓ Booleans
- Characters (e.g. individual letters)
- Reals

Multiple Choice 1 point

What built-in Python function returns the object type (i.e. class name) of a value stored in the Python variable x?

- class(x)
- type(x)
- id(x)
- ord(x)

Which of the following literals would Python interpret as integers?



1



1



"1"



+1

True or False 1 point

What value does the following expression return:



Which are valid constructors of a Python list named **x**?

$$oxed{\checkmark}$$

$$x = list()$$

$$x = ()$$

$$x = \{\}$$

Given the list

$$x = [1, 2, 4, 8]$$

what will the expression the following evaluate to?

x[1:4]

[1, 2, 4, 8]

[2, 4, 8]

[1, 2, 4]

[1, 4]

What value will the following expression evaluate to?

[1, 2, 4] * 2

- [2, 4, 8]
- None # The * operator does not work with lists
- [1, 2, 4, 1, 2, 4]
- [1, 2, 4, 2]

Which of the following are built-in Python data structures?



✓ dict

✓ set

✓ tuple