

# L12 Ponder: Check Your Understanding

Due Dec 5 at 8:59am

Points 10

Questions 8

Time Limit None

Allowed Attempts 3

## Instructions

### Overview

- **Task:** Demonstrate what you know about object-oriented programming in Python.
- **Purpose:** This will help you review object-oriented programming in Python.

### Instructions

- Complete the following quiz.

Take the Quiz Again

### Attempt History

	Attempt	Time	Score
KEPT	<a href="#">Attempt 2</a>	less than 1 minute	10 out of 10
LATEST	<a href="#">Attempt 2</a>	less than 1 minute	10 out of 10
	<a href="#">Attempt 1</a>	4 minutes	6.38 out of 10

! Correct answers are hidden.

Score for this attempt: 10 out of 10

Submitted Dec 4 at 6:40pm

This attempt took less than 1 minute.

Question 1

1 / 1 pts

What is object-oriented programming?

A programming paradigm that focuses on functions and avoids shared state, mutating state, and side effects



A programming paradigm that focuses on the steps to accomplish a task



A programming paradigm that combines data and functions together



A programming paradigm that manipulates people like things

## Question 2

2 / 2 pts

Which of the following are methods in a Python list? (Mark all that apply.)

☒ clear☒ append☒ insert☒ index☒ remove☒ pop☒ sort

## Question 3

1 / 1 pts

Consider this line of code that creates a list of numbers:

```
numbers = [23, -7, 8.5, 16, 30]
```

Which of the following is the correct way to call the index method in the

numbers list?

- ☒ position = numbers.index(5)
- ☐ numbers.index(5) = position
- ☐ position = index.numbers(5)
- ☐ position = index(numbers, 5)

### Question 4

2 / 2 pts

Which of the following are methods in a Python dictionary? (Mark all that apply.)

- ☒ clear
- ☒ get
- ☒ pop
- ☒ keys
- ☒ values
- ☒ items

### Question 5

1 / 1 pts

What are the objects within a graphical user interface called?

- ☐ things
- ☒ widgets

☐ neats☐ clickies**Question 6****1 / 1 pts**

Which of the following lines of code will clear the text in a tkinter label?

☐ `clear(label)`☐ `label.clear()`☐ `label.set(text="")`☒ `label.configure(text="")`**Question 7****1 / 1 pts**

What is the purpose of the focus method in a tkinter widget?

☒ Cause keyboard input to go to a widget☐ Display a widget☐ Enlarge a widget☐ Make a widget clearer**Question 8****1 / 1 pts**

What is the purpose of the bind method in a tkinter widget?

- ☐ Cause an exception to be raised when a user event occurs
- ☒ Cause a function to be called when a user event occurs
- ☐ Make a widget immovable
- ☐ Hide a widget

Quiz Score: **10** out of 10

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