**Simple Python Data Section 3**

**Python Reading (24 total pts)**

Read [Simple Python Data](http://interactivepython.org/runestone/static/thinkcspy/toc.html) from the section entitled *Order of Operations* through the section entitled *Updating Variables*.

**Checking Your Understanding**

**Directions: Provide an answer for each question directly after the question on the copy of this document that you saved to your drive – please save it with the same name I have given it. When appropriate, you need to answer in complete sentences.**

Watch: [Quadcopters TED talk](https://www.youtube.com/watch?v=w2itwFJCgFQ)

1. What is a practical use of a quadcopter? (2 pts)

A practical use would be to deliver packages or maybe even transportation.

1. How might a quadcopter be misused? (2 pts)

A misuse would be to spy on or harm others.

**At the end of the chapter in the Exercises section:**

**\*If you can't find the exercises, please look at the How to Find the Exercises PDF.**

**Some of these have answers in the online text, but please do the exercises anyway so you know what you are doing. (5 pts each)**

1. Do Exercise 1 & then **complete Exercise 2 for a grade**

First it does what it in the parenthesis: (3 – 1) and (2 + 3) to get 2 and 5 then follows PEMDAS but goes from left to right so 2 \* 10 then divided by 5 then times 5 then plus 2 and it get the answer 22

1. **Complete Exercise 6 for a grade**

**print(6 \* (1 – 2))**

**\*Be sure to include the required comments (name of program, your name, and the date) at the top of each program you submit. If your programs don't include the required comments, you will lose points.**

1. Do Exercise 9 & then **code Exercise 8 for a grade (hint: don't forget to import math so you can use math.pi)**
2. Do Exercise 11 & then **code Exercise 12 for a grade**