Check-in 1: Intro to Python

Instructions: Answer the following questions in this document. Try to answer them from memory first, but feel free to use your notes if needed.

1. Which of the following are operators and which are values?

Example	Operator or Value?
Cat	
/	
3.14	
15	
**	

2. Which of the following are variables and which are strings?

Example	Variable or value?
name	
'name'	
one_hundred	
findSum	
"15"	

3. Which of the following are valid variable names?

Example	Valid? (Y/N)
10_years	
#ofyears	
num_years	
numYears	

4. Why is the value of dogs *not* 45 after the following lines run? (Feel free to use the Python console if you're not sure.)

```
>>> dogs = 50     # Yes, that's a lot of dogs!
>>> dogs = dogs + 5
>>> dogs - 10
```

5. What do the following evaluate to? (If an error results, write Error.)

Example	Result
'cat' + 'dog'	
2 + 3	
15 + '6'	
'spam' * 2	