**Question 1**

# What is the duration of our 5-day workshop in minutes?

**Answer:**

|  |
| --- |

**Question 2**

Find x in -x + -19.4 = 1844.12 + 2x.

**Answer:**

|  |
| --- |

**Question 3**

How far does light travel in the time that your computer does one cycle?

Assuming that the computer is processing at a frequency of 4GHz.

**Answer:**

|  |
| --- |

**Question 4**

Write a function to find the square root of a number.

**Answer:**

|  |
| --- |

**Question 5**

What is the purpose of using List Comprehensions?

**Answer:**

| List comprehension is to simplify and shorten the code, to make it more readable. It is similar to for loop, and it will return an output in every iteration.  Syntax:  new\_list = [*expression* for *item* in *iterable* if *condition*] |
| --- |
| Example 1: |
| Example 2: |