



## Handout 2 - Grateful Dead by the Numbers

**6 hours**

The Length of the Grateful Dead's Longest Concert

**9 Minutes**

The Average Length a Grateful Dead Song

**30 Years**

The Number of Years the Original Members of the Grateful Dead Performed Together

**46 Minutes**

The Longest Song Ever Played in a Grateful Dead Concert

**200+**

The Number of Grateful Dead Albums (Official or Unofficial)

**218**

The Number of Bands who have Covered Grateful Dead songs

**2318**

The Total Number of Grateful Dead Concerts

**80,000**

The Average Size of an Audience at a Grateful Dead Concert

**600,000**

The Largest Audience The Grateful Dead Ever Played For

**25,000,000**

The Estimated Number of People who have seen the Grateful Dead in Concert

**35,000,000**

The Number of Grateful Dead Albums Sold Worldwide



Using the data on page 1, answer the following questions:

**Question #1:**

The Grateful Dead played a total of 2,318 concerts. Though each Grateful Dead concert was different, the average length of time for a Grateful Dead concert was 3 hours. Calculate approximately how many hours the Grateful Dead played in all.

**Question #2:**

Grateful Dead fans often recorded the band's concerts and traded cassette tapes of those recordings. Imagine that you have a tape of each of the 2,318 concerts that the Grateful Dead ever played, and that you have decided to spend 8 hours a day listening to all the tapes. How many days will it take you to listen to your whole collection? (*Hint: you may want to use your answer from Question #1 to help you in your calculations.*)

**Question #3:**

The original members of The Grateful Dead performed from December 4, 1965 to July 9, 1995. How many months in all did the band perform together during that time? **Bonus Question:** Calculate the number of days that The Grateful Dead had together, and be sure to account for leap years! (Hint: 1968 was a Leap Year). How many minutes?



*Use page 1 of this handout, create your own Word Problems below:. You will be sharing the questions with another classmate.*

**Question #1:**

**Question #2:**

**Question #3:**