

## Performing Web Search Queries Using Google™

For this exercise, we will use Google™ to search for information and the tips from the **Top Ten Internet Search Tips**.

1. First let's navigate to the *Google Guide* at [www.googleguide.com](http://www.googleguide.com). *Google Guide* is an interactive tutorial and reference for all levels of Google™ users.
2. Click on the **Teens Click Here** button. This brings you to the *Google Guide* that provides sample queries. Many of these tips are found on the **Top Ten Internet Search Tips** sheet. If the page is not already listed in your browser's Favorites, add this page to the **Favorites**.
3. On the *Google Guide* home page, click on **Calculator Cheat Sheet**. This page shows you the mathematical symbols, operations, and conversions used by Google™. If the page is not already listed in your browser's Favorites, add this page to the **Favorites**.
4. You will want to keep these pages available while you complete this exercise.

Now let's work the following exercises. Use the **Top Ten Internet Search Tips** and the *Google Guide* cheat sheets to complete the following queries.

1. Find the author and the poem that contains the following words: *he will do as he do do*.
  - a. How do you instruct Google™ to search for those words in the order that you specified?
  
  - b. Name of the poem:
  
  - c. Name of the author:
  
2. The search **pet owners OR ownership statistics** finds information for both pet owners and ownership. Using that search query, answer the questions below.
  - a. How many US pet owners owned dogs in 2012?
  
  - b. What is the percentage of dog owners with two dogs?
  
  - c. How many US pet owners owned cats in 2012?
  
  - d. What is the average number of owned cats per household?
  
3. In response to the query: *iPod extend battery life site:apple.com*, Google™ finds information on how to extend your iPod battery life from Apple's website. Using the same **site:** information, find an article on how to maximize an iPad's battery life. Use the information in the article to answer the following questions.
  - a. What does "Battery life" mean?

- b. What is the best way to extend your iPad's battery life.
- c. What is the "ideal" temperature to keep an iPad?
4. What search query would you use to find a timeline of the science called **physics** by the American Physical Society website at [aps.org](http://aps.org)?
5. Find and record the web addresses for two **org** sites that talk about women in science.
  - a. Site 1:
  - b. Site 2:
  - c. Record the query you used to locate these sites.

Now, find two non-commercial sites about women in science. This time you cannot use domain names ending in **.com** or **.org**.

- d. Site 1:
- e. Site 2:
- f. Record the query you used to locate these sites.
6. In response to the query **ice cream 98115**, Google™ shows you where you can find ice cream near Seattle, WA, where the zip code is 98115. Now find a Chinese food restaurant that delivers near where you live.
  - a. Which one is closest to where you live?  
How far is it from where you live?
7. Find a movie house near where you live that is showing a movie you want to see. Record the query you used below.
  - a. Query:
8. In response to the query **define:deipnosophist**, Google™ gives you definitions of deipnosophist.
  - a. Record the definition of *deipnosophist*.
  - b. Record the definition of *calligraphist*.
9. You have been assigned a report on former President Bill Clinton. Use Google™ to find the following information.
  - a. What year was he born?
  - b. What is Bill Clinton's full name?
  - c. What day was he first inaugurated?
  - d. What number President of the United States was Bill Clinton?

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- e. President Clinton appointed two justices to the Supreme Court. Record the names and years of the two judges below.
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- 10. To write a multiplication problem on Google™ you use an \* to represent the multiplication symbol.
    - a. How would you write  $3 \times 5$  as a mathematical problem in Google™.
  - 11. Calculate 98.6 degrees **Fahrenheit** into **Celsius**.
    - a. What is 98.6° F in Celsius?

Now complete the items below. Record your results and the query functions or symbols you used to answer the questions below.

- a. Calculate how long one year is in hours.
  - b. How long is 9 inches in centimeters?
  - c. How much is 55 MPH (miles per hour) in Kilometers?
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- 12. Now search for your own name and see what you find!