

**“A Day in the Life”**  
*Project Requirements*

**Assignment:** You will determine the percent of time you spend doing various activities in a 24-hour cycle and present it as a pie chart graph.

**Hint:** 1 day = 24 hours = 1440 minutes

**Method:**

Using your time log, keep track of everything you do for one day (24 hours). Then, group your activities and convert the time you spent on each category into a percent. Finally, graph these categories as a pie chart.

**Grading:**

Your completed project should include the following parts in this order. Your papers should be stapled or attached to a folder.

<b>Title Page</b> Must include the title (e.g. “A Day in the Life of Sally Student”), date, teacher's name, and period.	/ 2 pts
<b>Time Log</b> All activities during a 24-hour cycle must be listed with time frame and number of minutes. Activities must add up to 24 hours (1440 minutes).	/ 7 pts
<b>Activities by Category</b> Activities from the time log must be grouped into categories. Then, the time spent on each category must be converted to a percent.	/ 7 pts
<b>Pie Chart Graph</b> Activity categories must be graphed on the computer and include a legend indicating what each piece of the pie chart represents.	/ 7 pts
<b>Personal Reflection</b> One paragraph describing what you learned about <i>yourself</i> as a result of this project.	/ 3 pts
<b>Mathematical Reflection</b> One paragraph describing what you learned about <i>math</i> as a result of this project.	/ 3 pts
<b>“Project Requirements” Handout</b> Include this handout at the end of your project so that I can use it to grade your work.	/ 1 pts
Total Number of Points:	/ 30 pts

Late projects will lose five points for each day (including weekends) that they are late.





**“A Day in the Life”**  
*Activities by Category*

**Category Name:**

Activity	Number of Minutes
Total Number of Minutes:	
Ratio:	
Decimal:	
Percent:	

**Category Name:**

Activity	Number of Minutes
Total Number of Minutes:	
Ratio:	
Decimal:	
Percent:	

**Category Name:**

<b>Activity</b>	<b>Number of Minutes</b>
Total Number of Minutes:	
Ratio:	
Decimal:	
Percent:	

**Category Name:**

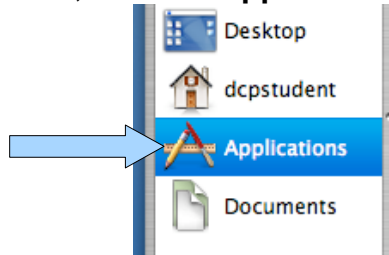
<b>Activity</b>	<b>Number of Minutes</b>
Total Number of Minutes:	
Ratio:	
Decimal:	
Percent:	

**“A Day in the Life”**  
*How to Make a Pie Chart Graph in Excel*

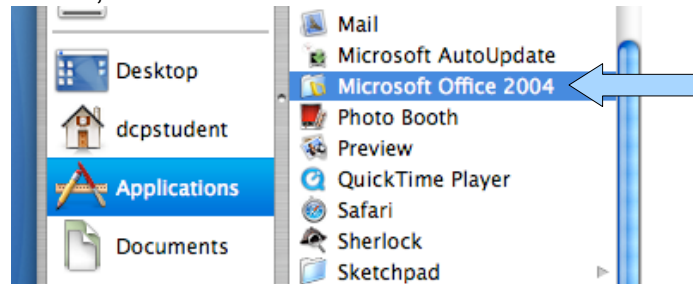
1. On the “dock,” click on the **finder** icon.



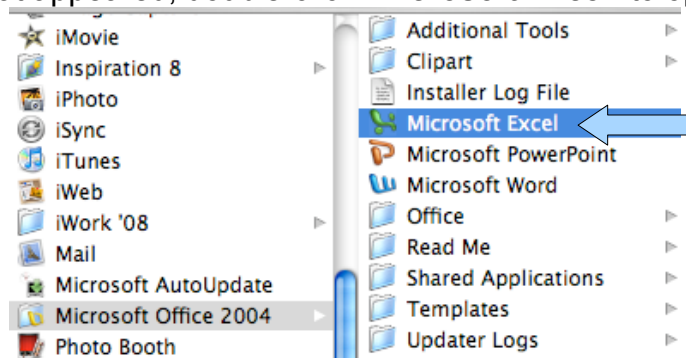
2. In the window that appears, click on “**Applications**”.



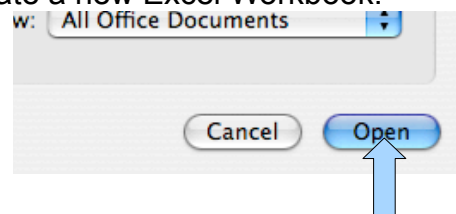
3. In the list of applications, scroll down and click “**Microsoft Office 2004**”.



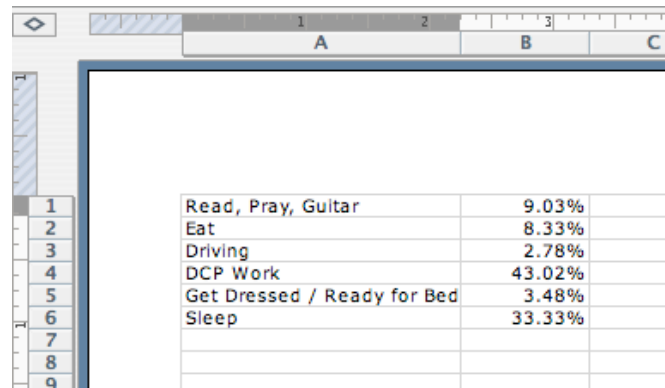
4. In the column that appeared, double-click “**Microsoft Excel**” to open it.



5. When Microsoft Excel opens, the “Project Gallery” window will open. Just click “**Open**” to create a new Excel Workbook.

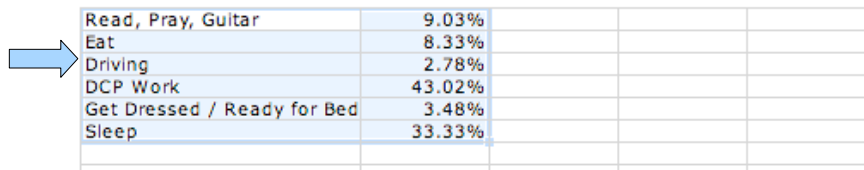
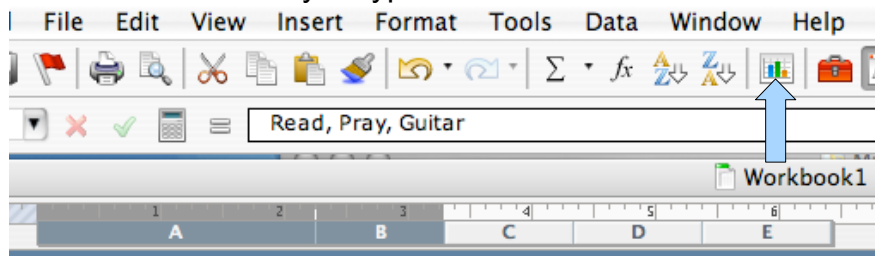


6. On the spreadsheet, type your **categories** into the first column and their **percentages** in the second column.



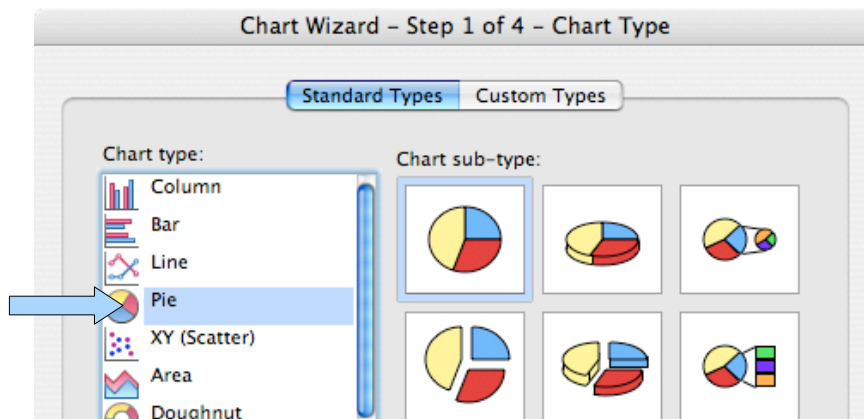
1	Read, Pray, Guitar	9.03%
2	Eat	8.33%
3	Driving	2.78%
4	DCP Work	43.02%
5	Get Dressed / Ready for Bed	3.48%
6	Sleep	33.33%
7		
8		
9		

7. **Highlight** the information that you typed and click on the “**Chart Wizard**” icon.

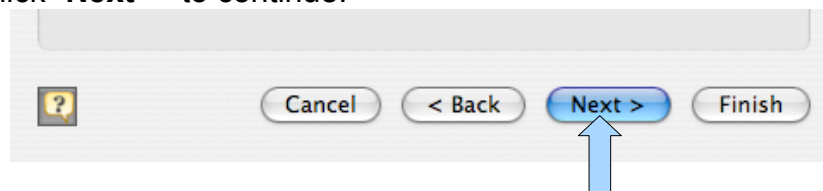


Read, Pray, Guitar	9.03%			
Eat	8.33%			
Driving	2.78%			
DCP Work	43.02%			
Get Dressed / Ready for Bed	3.48%			
Sleep	33.33%			

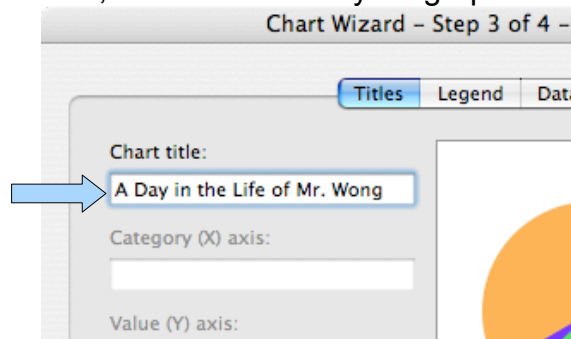
8. In step 1 of the chart wizard, select “**Pie**” to create a pie chart graph. Then, click “**Next >**”.



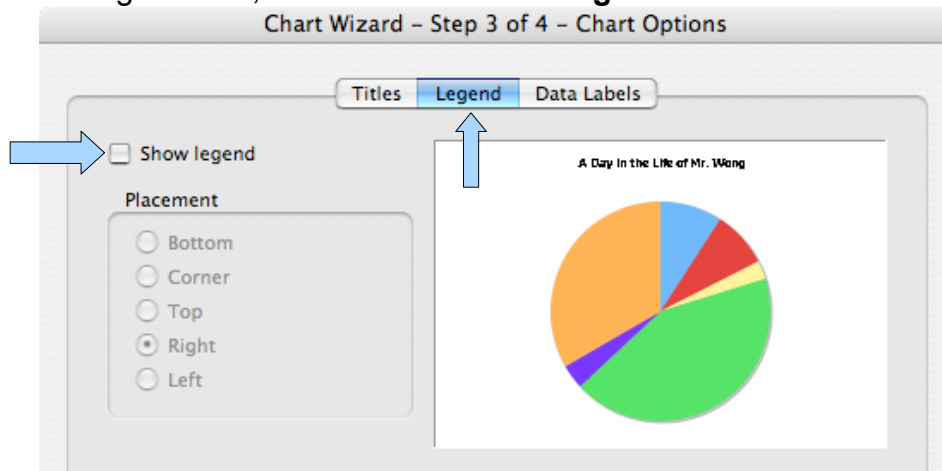
9. In step 2 of the chart wizard, the correct data range should already be entered for you. So, click “**Next >**” to continue.



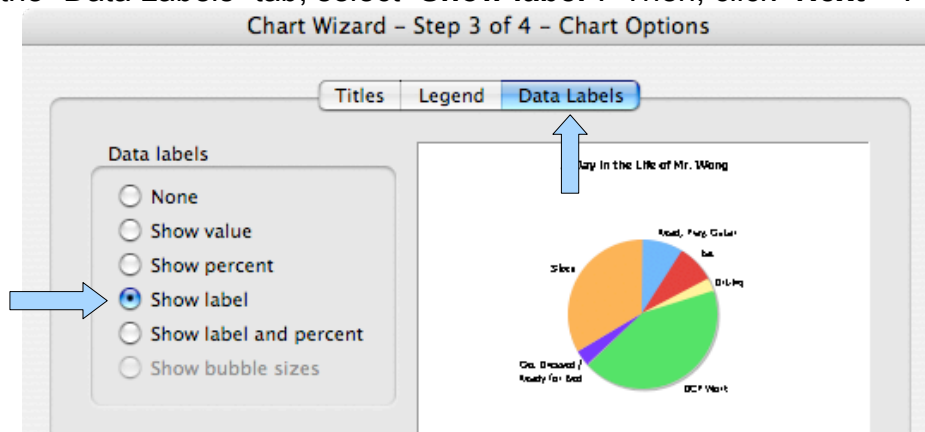
10. In the “Chart title” text box, enter the **title** of your graph.



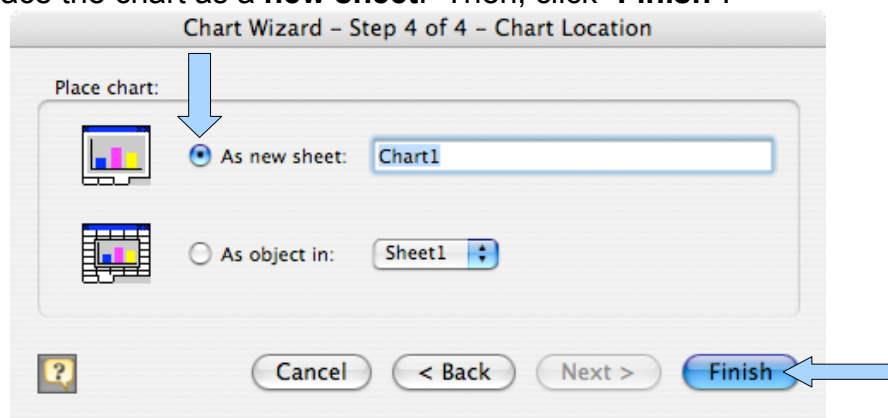
11. Under the “Legend” tab, **uncheck** the “**Show legend**” checkbox.



12. Under the “Data Labels” tab, select “**Show label**”. Then, click “**Next >**”.



13. Select to place the chart as a **new sheet**. Then, click “**Finish**”.





**“A Day in the Life”**  
*Personal Reflection*

**“A Day in the Life”**  
*Mathematical Reflection*