



# CALIFORNIA READERS

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## Lesson 5: Calendar Math

*Standard: 13 Add, subtract multiply, and divide using whole numbers, integers, primes, factors, multiples, fractions, decimals, rational numbers, and scientific notation; use estimation to solve problems and check for reasonableness of results in real-life situations to increase number sense.*

*19 Use various statistical methods to describe, analyze, and evaluate data to make valid, appropriate, and useful decisions.*

*Grades: Middle/High School*

- 1. Divide students into groups according to the month that they were born.**
- 2. Photocopy the bottom pages of the calendar and pass out to the 12 groups.**
- 3. Have each group count the number of birthdays and then record on the board.**
- 4. Which month has the most birthdays?**
- 5. Which month has the least birthdays?**
- 6. Calculate your month's percentage of the total.**
- 7. Each group should count the number of men and the number of women who have birthdays during their month and then total them.**

- 8. Calculate the % of men and women each month.**
- 9. Calculate the average % of men and women.**
- 10. Which month % is closest to the average?**
- 11. Which month is farthest from the average.**
- 12. What generalizations can you derive from the data?**
- 13. Write a paragraph describing one generalization.**

	<b>CALENDAR MATH</b>				
<b>MONTHS</b>	<b>MEN</b>	<b>WOMEN</b>	<b>MEN %</b>	<b>WOMEN %</b>	
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>TOTALS</b>					

*Lesson 5*  
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