

1. You are given the hours worked in a week and hourly salary for several employees. Determine each of employee's weekly wages, as well as total hours worked and average weekly wage.
2. You are given the price per k.g. that a bakery paid each of six suppliers for given quantities of sugar, butter, and flour respectively. Determine the amount paid to each supplier for sugar, flour, and butter. Also determine the total amount paid.
3. For a new health club, the number of customers at the beginning of first year, churn rate i.e the fraction of starting customers (excluding new customers) who quit each year and the number of new customers obtained each year are given. Predict the number of customers of that health club will have in 10 years?  
Hint:- for each year you have to calculate Start customers , New customers, Quitting customers and Ending customers
4. Evaluate mathematical expression using rules of precedence of operators and parenthesis.
5. The Fibonacci sequence is defined as follows:  $F_0 = 0$ ,  $F_1 = 1$  and for  $n$  larger than 1,  $F_{n+1} = F_n + F_{n-1}$ . Set up a spreadsheet to compute the Fibonacci sequence. Show that for large  $N$ , the ratio of successive Fibonacci numbers approaches the Golden Ratio (1.61).