## 25% Electronic Spreadsheets

This chapter will cover the following:

- What spreadsheets are
- Special features of a spreadsheet
  - Workbook, worksheets, cells, columns, rows
  - Name boxes
  - Functions, formulas
  - Data selection
  - Graphs

## 2.1 What are spreadsheets?

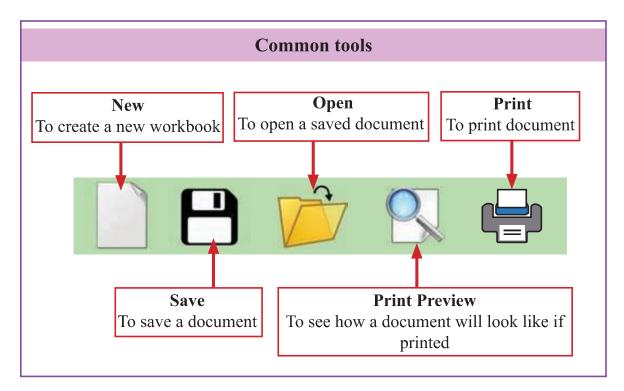
A spreadsheet means an electronic version of the paper based accounting sheets used by accountants in the past.

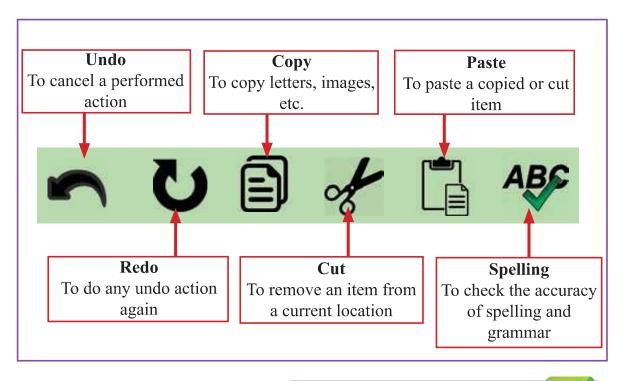
An electronic spreadsheet is an interactive computer application for organization, analysis and storage of data in a tabular form. Data are entered in cells of a table and the spreadsheet provides the facility of functions, formulas, sorting and charting.

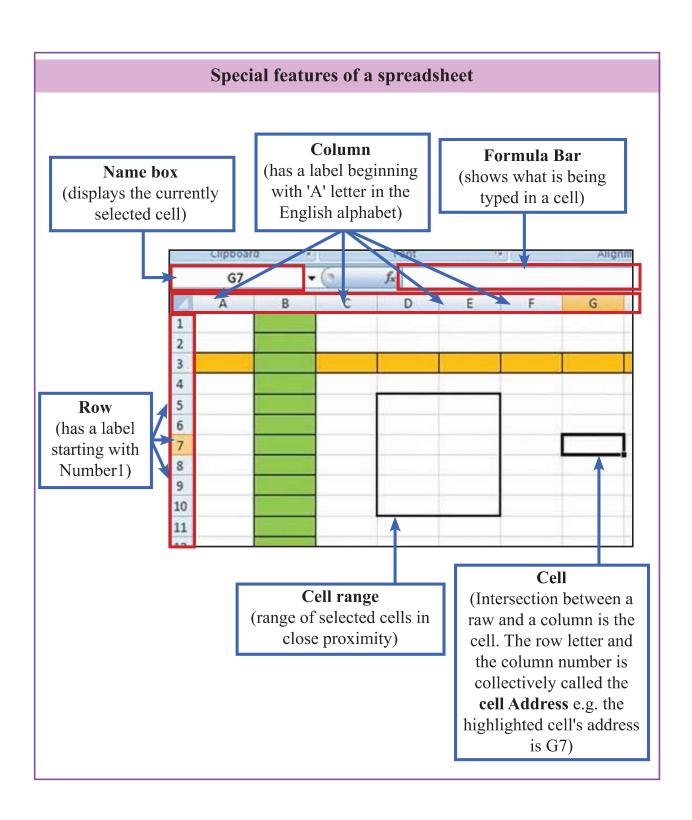
In electronic spreadsheets, *workbooks* can be used for document creation. A workbook may contain multiple *worksheets*.

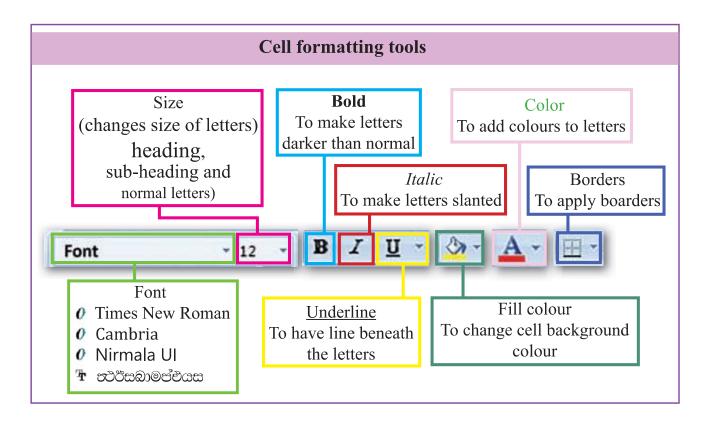
## 2.2 Spreadsheet features

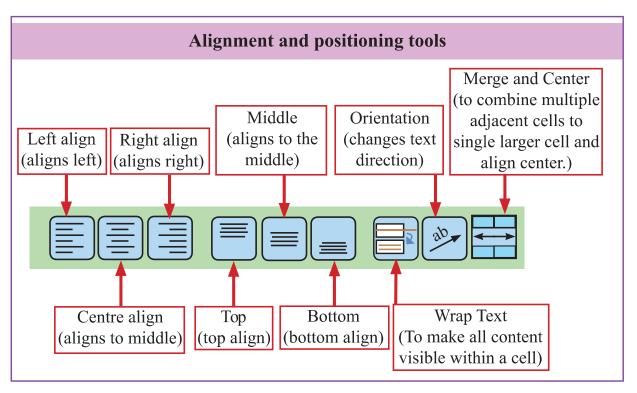
Let us learn about the functions provided in spreadsheet package.

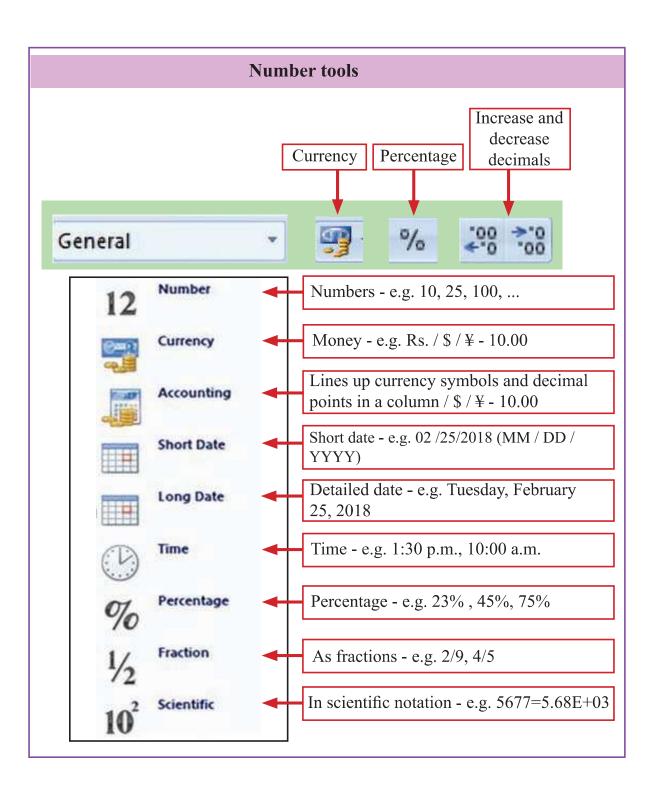


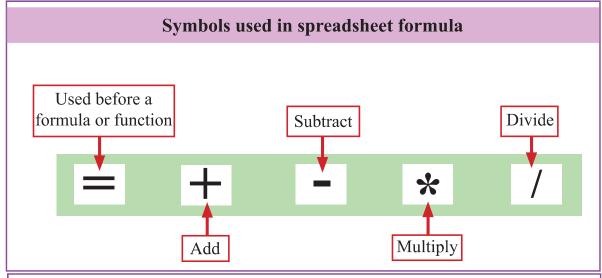


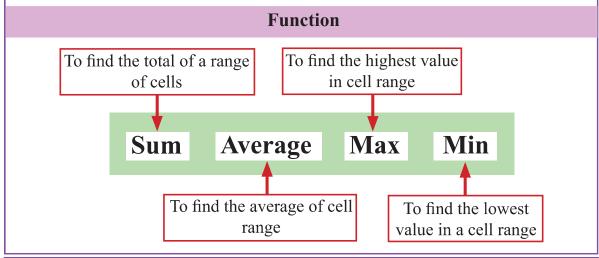


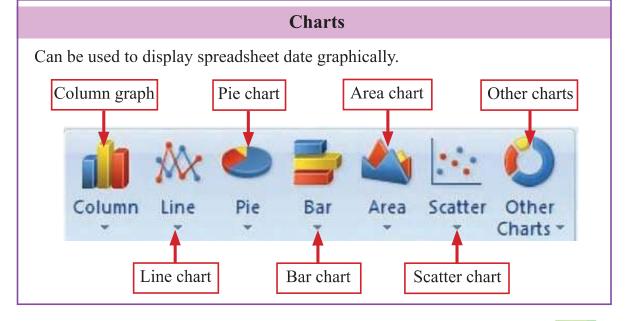












## Summary

- A spreadsheet is a document containing rows and columns where functions and formulas could be used for computations and where sorting and charting of data is possible.
- A cell is a specific location defined by the intersection of a row and a column.
- An individual cell is identified by starting with column name 'A' and raw 'number 1'.
- New, Open, Print, Print Preview, Re-do, Undo, Cut, Copy, Paste and Spell check are common tools used in spreadsheets.
- Computations are done using functions/formulas.
- SUM, AVERAGE, MAX, MIN etc. are some basic functions that are available.
- Bar charts, column charts, line charts, pie-charts, etc. could be used for analysis of data.