

Excel 365 Introduction

Sample manual - first two chapters



Wise Owl
Training

TABLE OF CONTENTS (1 of 5)

1	THE OFFICE INTERFACE	Page
1.1	Interacting with Office	7
	<i>The File Tab</i>	7
	<i>The Ribbon</i>	8
	<i>The Mini Toolbar</i>	8
	<i>The Quick Access Toolbar</i>	9
1.2	Using the Ribbon	10
	<i>Tabs, Groups and Commands</i>	10
	<i>Using Quick Keys</i>	11
	<i>Seeing More Options</i>	11

2	EXCEL BASICS	Page
2.1	What is Excel Used for?	12
2.2	Opening and closing Excel	12
	<i>Opening/Starting Excel</i>	13
	<i>Closing/Ending Excel</i>	14
	<i>The Screen Layout</i>	14
2.3	Structure of a Workbook	15
	<i>Workbooks and Worksheets</i>	15
	<i>Cells, Rows and Columns</i>	15
	<i>Cell References</i>	15

3	ENTERING AND EDITING DATA	Page
3.1	Entering Data	16
	<i>Typing in Data</i>	16
	<i>Types of Data</i>	16
	<i>Disguising Numbers</i>	17
	<i>Entering Dates</i>	17
	<i>Using AutoComplete to Enter Data</i>	18
	<i>Turning AutoComplete off</i>	18
	<i>Typing the Same Data into Multiple Cells</i>	19
3.2	Editing and Removing Data	20
	<i>Editing Data in Cells</i>	20
	<i>Clearing Cell Contents</i>	20
	<i>Clearing Formats from Cells</i>	21
3.3	Inserting and Deleting Cells, Rows and Columns	22
	<i>Inserting Rows and Columns</i>	22
	<i>Deleting Rows and Columns</i>	23
	<i>Inserting Cells</i>	24
	<i>Deleting Cells</i>	25
3.4	Checking Spelling	26
3.5	AutoCorrect	27
	<i>Turning AutoCorrect Off</i>	27
	<i>Changing the AutoCorrect Settings</i>	28

4	MOVING AND SELECTING IN EXCEL	Page
4.1	Moving Around in Excel	29
	<i>Using the Mouse to Move Around</i>	29
	<i>Keyboard Shortcuts for Moving Around</i>	30
	<i>Zooming the View</i>	30
4.2	Selecting Cells	31
	<i>Selecting Single Cells</i>	31
	<i>Selecting a Range of Cells</i>	31
	<i>Selecting a Large Range of Cells</i>	32
	<i>Selecting Multiple Ranges</i>	32
	<i>Selecting Entire Rows and Columns</i>	33
	<i>Selecting an Entire Worksheet</i>	33
	<i>De-Selecting Cells</i>	34
	<i>Using the Keyboard to Select Cells</i>	34

5	FORMULAE AND FUNCTIONS	Page
5.1	Basic Formulae	35
	<i>Operators</i>	35
	<i>Brackets in Formulae</i>	35
5.2	Creating Formulae	36
5.3	Editing Formulae	37
5.4	Copying Formulae	38
	<i>The Easiest Way to Copy a Formula</i>	38
	<i>Other Ways to Copy a Formula</i>	39
	<i>How Relative Cell Referencing Works</i>	39
5.5	Functions	40
	<i>Basic Functions</i>	40
	<i>Structure of a Function</i>	40
	<i>Typing a Function</i>	41
	<i>Using AutoSum to Create Quick Totals, Averages, Etc.</i>	41
	<i>The Quickest Way to Sum</i>	42
	<i>The Function Wizard</i>	42
5.6	Status Bar Calculations	44

TABLE OF CONTENTS (2 of 5)

6	COPYING AND MOVING CELLS	Page
6.1	Methods of Copying and Moving	45
	<i>Cut, Copy, and Paste</i>	45
	<i>Drag and Drop</i>	45
	<i>Replacing and Inserting Cells with Drag and Drop</i>	46
	<i>Special Options for Pasting</i>	46
	<i>The Paste Tool</i>	47
	<i>Paste Special</i>	48
	<i>Paste Special using the Right-Click Menu</i>	48
	<i>The Format Painter</i>	48
6.2	AutoFill	49
	<i>Copying Using AutoFill</i>	50
	<i>AutoFill Paste Options</i>	50
	<i>The Clipboard</i>	50
	<i>Using the Clipboard</i>	51
	<i>Copying and Pasting Using the Clipboard</i>	51
	<i>Clearing the Clipboard</i>	51

7	FILLING CELLS	Page
7.1	Creating Series	52
	<i>Creating a Series from its First Two Values</i>	52
	<i>Filling a Series with the Right Mouse Button</i>	52
7.2	Custom Lists	53
7.3	Flash Fill	54
	<i>Flash Fill when Copying Down</i>	54
	<i>Flash Fill Tool using the Ribbon</i>	54
	<i>Other Examples of Flash Fill</i>	54

8	WORKING WITH FILES	Page
8.1	Introduction	56
	<i>New File Formats</i>	56
	<i>Rules for Naming Files</i>	56
	<i>Saving a New Excel Workbook</i>	57
	<i>The Workbook's File Path</i>	58
	<i>Re-saving an Existing Workbook</i>	58
8.2	Closing Workbooks	59
	<i>Closing a Workbook Using Excel</i>	59
	<i>Closing a Workbook Using the Task Bar</i>	59
8.3	Creating New Workbooks	60
8.4	Opening an Existing Workbook	61
	<i>Opening a Recently Used Workbook</i>	61
	<i>Opening a File not Used Recently</i>	61
	<i>Searching for Files</i>	62
	<i>Creating New Folders when Saving</i>	62
8.5	Excel File Types	63
	<i>Choosing a File Type</i>	63
	<i>Which File Type to Use</i>	63
8.6	Files with Macros	64
	<i>Macro-Enabled File Types</i>	64
	<i>Macro Security Settings</i>	65

9	MULTIPLE WORKSHEETS	Page
9.1	Moving between Worksheets	66
9.2	Common Tasks	67
	<i>Selecting and De-selecting Worksheets</i>	67
	<i>Renaming Worksheets</i>	67
	<i>Changing Worksheet Tab Colours</i>	68
	<i>Hiding and Unhiding Worksheets</i>	68
9.3	Inserting and Deleting Worksheets	69
	<i>Inserting Single Worksheets</i>	69
	<i>Inserting Multiple Worksheets</i>	69
	<i>Deleting Worksheets</i>	69
9.4	Moving and Copying Worksheets	70
	<i>Moving Worksheets within a Workbook</i>	70
	<i>Copying Worksheets within a Workbook</i>	70
	<i>Moving and Copying to a Different or New Workbook</i>	71
9.5	Group Mode	72
9.6	Summing across Sheets	73

TABLE OF CONTENTS (3 of 5)

10	FORMATTING WORKSHEETS	Page
10.1	Methods of Formatting	74
	<i>Using the Ribbon</i>	74
	<i>Using the Mini-Toolbar</i>	75
	<i>Using the Format Cells Dialog Box</i>	75
10.2	Formatting Text	75
	<i>Fonts and Sizes</i>	76
	<i>Simple Font Formatting</i>	76
10.3	Cell Alignment	77
	<i>Horizontal Alignment</i>	77
	<i>Vertical Alignment</i>	77
	<i>Other Alignments</i>	77
	<i>Rotating Text</i>	77
	<i>Indenting</i>	78
10.4	Making Text Fit into Cells	78
	<i>Column Widths and Row Heights</i>	79
	<i>Shrinking Text</i>	79
	<i>Wrapping Text</i>	80
	<i>Merging Cells</i>	80
10.5	Formatting Numbers	81
	<i>Choosing a Number Format</i>	81
	<i>More Number Formatting Options</i>	81
10.6	Cell Backgrounds	81
	<i>Fill Colours</i>	82
	<i>Fill Effects</i>	82
10.7	Cell Borders	82
	<i>Applying Borders</i>	83
	<i>Drawing Borders</i>	83
	<i>Border Styles and Colours</i>	83
	<i>Borders Using the Dialog Box</i>	84
10.8	A Note about Gridlines	84

11	NUMBER AND DATE FORMATS	Page
11.1	What are Number Formats?	86
	<i>Examples of Number Formats</i>	86
	<i>Examples of Date Formats</i>	86
11.2	Formatting Dates	87
	<i>How Dates and Times are Stored</i>	87
	<i>Quick Ways to Enter Dates and Times</i>	87
	<i>Quick Formatting Dates and Times</i>	88
	<i>Selecting Different Date/Time Formats</i>	88
	<i>Custom Date Formats</i>	89
	<i>Custom Date Formatting Codes</i>	89
	<i>Custom Time Formatting Codes</i>	90
	<i>Displaying Elapsed Times without Overflow</i>	90
11.3	Standard Number Formats	91
	<i>Standard Number Formats using the Ribbon</i>	91
	<i>More Number Format Options using Format Cells</i>	92
11.4	Custom Number Formats	93
	<i>Creating Custom Number Formats</i>	93
	<i>General Rules for Custom Number Formats</i>	93
	<i>Example of a Typical Custom Number Format</i>	94
	<i>Re-using Custom Number Formats</i>	94
11.5	Tricks with Number Formats	95
	<i>Tricks with Text</i>	95
	<i>Hiding Parts of a Number Format</i>	95
	<i>Colouring Parts of a Number Format</i>	95
	<i>Getting Positive and Negative Numbers to Line Up</i>	96
	<i>Getting Decimal Points to Line Up</i>	96
	<i>Fractions</i>	96
	<i>Scaling Large Numbers</i>	97
	<i>Filling Spaces</i>	97

TABLE OF CONTENTS (4 of 5)

12	PRINTING	Page
12.1	Views of a Worksheet	98
	<i>Page Layout View</i>	98
	<i>Page Break Preview</i>	98
	<i>Print Preview</i>	98
12.2	Printing	99
	<i>Choosing to Print</i>	100
	<i>Print Settings</i>	100
12.3	Printing Areas of a Worksheet	100
	<i>Setting a Print Area</i>	101
	<i>Setting Multiple Print Areas</i>	101
12.4	Page Breaks	101
	<i>Viewing Page Breaks</i>	102
	<i>Moving Page Breaks</i>	102
	<i>Inserting Page Breaks</i>	102
	<i>Removing Page Breaks</i>	103
12.5	Fitting Worksheets to Pages	103
	<i>Page Orientation</i>	104
	<i>Page Margins in Excel</i>	104
	<i>Changing Margins Using the Ribbon</i>	104
	<i>Changing Margins in Print Preview</i>	106
	<i>Scaling a Page</i>	106
	<i>Using Page Breaks to Scale a Page</i>	106
	<i>The Page Setup Dialog Box</i>	107
12.6	Headers and Footers	107
	<i>Adding a Header and Footer</i>	108
	<i>Inserting Headers and Footers with the Ribbon</i>	108
12.7	Printing Titles	108
	<i>Setting Print Titles</i>	109

13	TABLES	Page
13.1	Definition of a Table	110
13.2	Creating and Removing Tables	111
	<i>Creating Tables from Existing Data</i>	111
	<i>Creating Tables from Scratch</i>	111
	<i>Removing Tables</i>	112
13.3	Sorting Tables	113
	<i>Simple Sorting – 3 Methods</i>	113
	<i>Sorting by Two or More Columns</i>	114
	<i>Sorting by Colour</i>	115
13.4	Simple Filtering	116
	<i>Step 1 – Enabling Filtering</i>	116
	<i>Step 2 – Filtering by Columns</i>	117
13.5	Removing Filters	118
	<i>Clearing a Filter from a Single Column</i>	118
	<i>Clearing All Filters</i>	118
	<i>Removing Filtering</i>	118
13.6	Filtering Specific Types of Data	119
	<i>Filtering Numbers</i>	119
	<i>Filtering Text</i>	120
	<i>Filtering Dates</i>	120

TABLE OF CONTENTS (5 of 5)

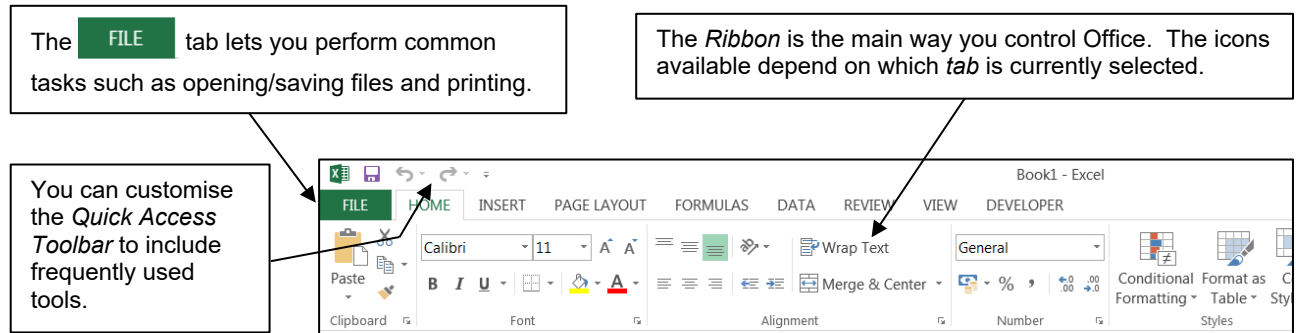
14	CHARTS	Page
14.1	Overview	121
14.2	Selecting Data	122
	<i>The Golden Rules for Selecting Chart Data</i>	122
	<i>Selecting a Simple Data Range</i>	122
	<i>Selecting Multiple Ranges</i>	123
	<i>Selecting Non-Contiguous Ranges</i>	123
14.3	Creating Charts	124
14.4	Chart Location	125
	<i>Embedded Charts</i>	125
	<i>Printing Embedded Charts</i>	125
	<i>Separate Sheet Charts</i>	126
	<i>Switching between Embedded and Separate Sheet Charts</i>	126
14.5	Chart Types, Templates and Defaults	127
	<i>Changing a Chart's Type (Including Chart Templates)</i>	127
	<i>Creating Chart Templates</i>	127
	<i>Setting the Default Chart</i>	128
14.6	Formatting Charts	129
14.7	Formatting Parts of a Chart	130
	<i>The Parts of a Chart (Chart Elements)</i>	130
	<i>Selecting Part of a Chart</i>	131
	<i>Selecting a Data Point or Legend Entry</i>	131
	<i>Formatting Part of a Chart</i>	132
	<i>Using the Formatting Task Bar</i>	132
	<i>Worked Example: Setting the Gradient Fill for a Chart Title</i>	133
14.8	Showing/Hiding Parts of a Chart	133
14.9	Specific Chart Element Consideration	135
	<i>Working with Data Tables</i>	135
	<i>Data Labels</i>	135
	<i>Axes, Scaling, Tick Marks and Gridlines</i>	136
14.10	Editing Data	137
	<i>Changing the Data being Charted Visually</i>	137
	<i>Switching Rows and Columns</i>	137
	<i>Filtering Data and Labels</i>	138

15	EXCEL SHORTCUT KEYS	Page
15.1	CTRL and SHIFT Key Combinations	139
	<i>SHIFT and CTRL keys</i>	139
	<i>General CTRL Keys in Excel</i>	140
	<i>CTRL Keys with Letters</i>	141
15.2	Function Keys	142
	<i>F1 to F6 Keys</i>	142
	<i>F7 to F12 Keys</i>	143
15.3	Other Special Keys	144
	<i>Special Keys – Part 1</i>	144
	<i>Special Keys – Part 2</i>	145
	<i>Special Keys – Part 3</i>	146

CHAPTER 1 - THE OFFICE INTERFACE

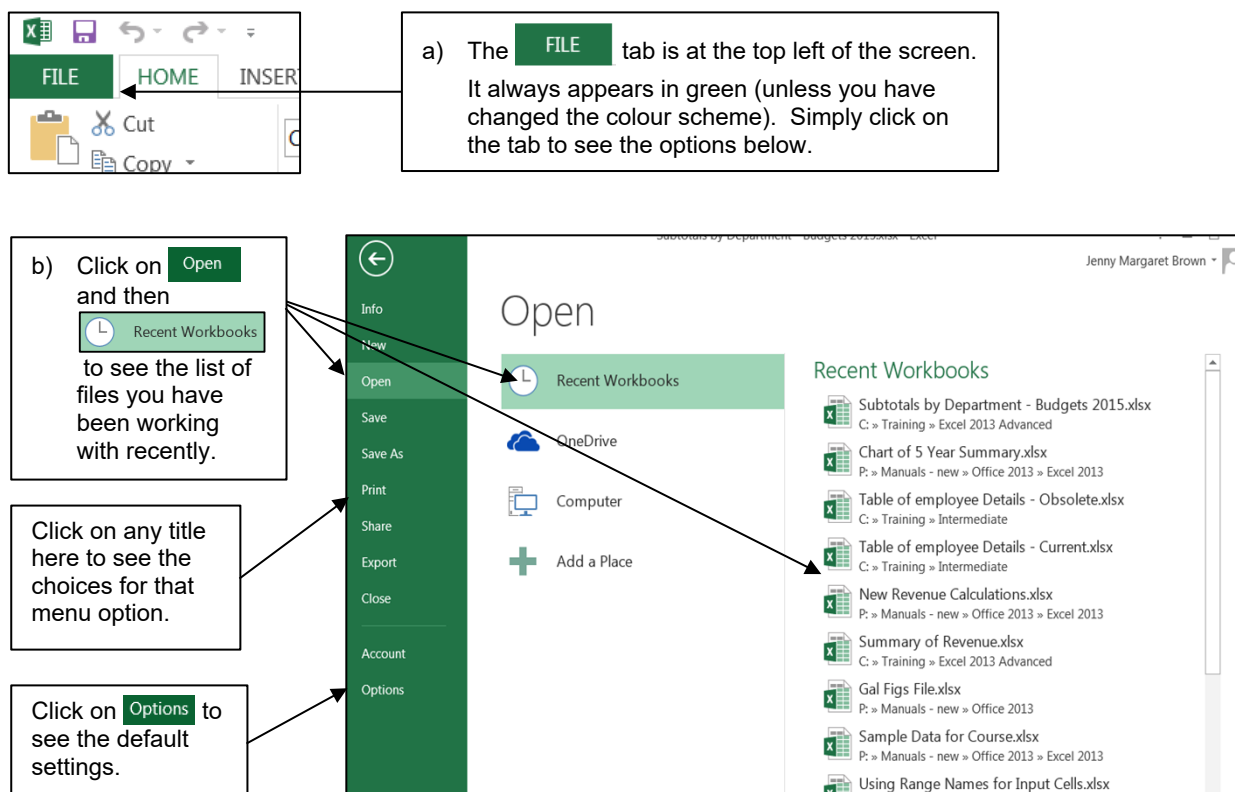
1.1 Interacting with Office

At the top of the screen you will see the ribbon which operates using a system of tabs and buttons:



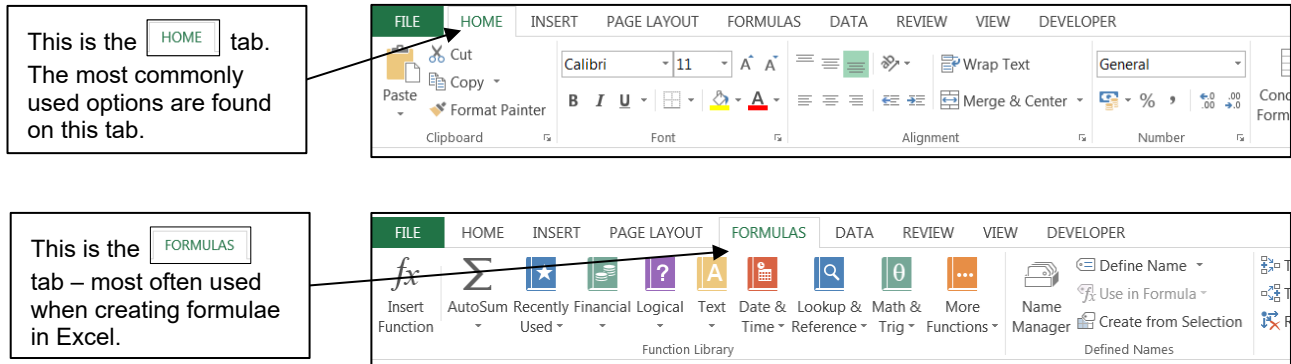
The File Tab

The **FILE** tab is where you'll find the menu options for all the common tasks like printing, saving files, opening files and changing the defaults (standard settings) for a program like Excel.



The Ribbon

The *Ribbon* is the name for the area at the top of the screen where you will find all the menus; Windows calls these *Tabs*. Each time you click on a Tab the Ribbon icons will change.



The Mini Toolbar

The *Mini Toolbar* appears automatically when you select data in some Windows software. In Excel, you need to right-click.

- 1) First select the cells you want to change:

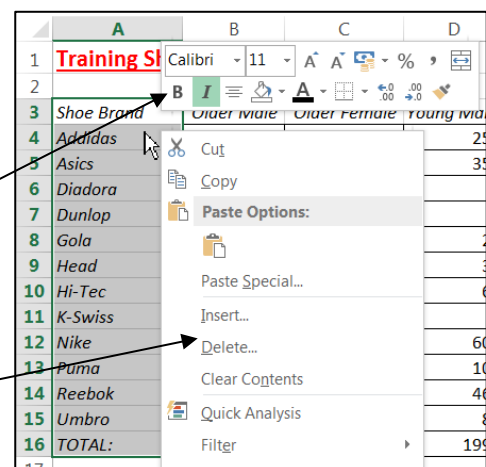
We want to change these cells here containing the shoe brand names.

	A	B
1	Training Shoe Preference	
2		
3	Shoe Brand	Order
4	Addidas	12
5	Asics	36
6	Diadora	5
7	Dunlop	3
8	Gola	2
9	Head	8
10	Hi-Tec	5
11	K-Swiss	3
12	Nike	53
13	Puma	12
14	Reebok	63
15	Umbro	2
16	TOTAL:	206
17		

- 2) Keep your mouse over the selected cells and click the right mouse button to display the mini-toolbar (the shortcut menu will also appear):

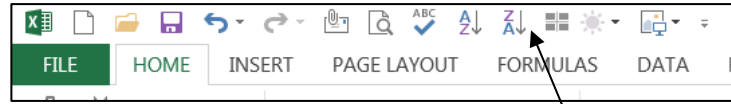
The mini toolbar appears with a selection of the most popular commands from the Ribbon.

The shortcut menu also appears. The options will vary according to what is selected.



The Quick Access Toolbar

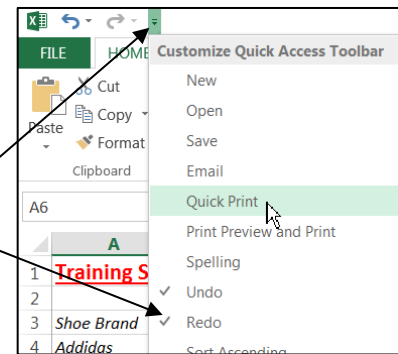
The Quick Access Toolbar is at the top left of your screen. It is one of the few areas of the screen that you can customise to suit your own use of Excel. You can add icons for tasks that you regularly perform every day.



The Quick Access Toolbar usually has only 4 commands to begin with... but you can add many more!

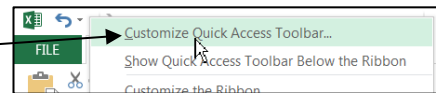
You can add the common icons for tasks like re-saving files, opening files etc to the Quick Access Toolbar very quickly:

Click on the drop-list at the end of the Quick Access Toolbar and click on the tool you'd like to add. Those with ticks are already present on your Quick Access Toolbar.



To fully customise the Quick Access Toolbar:


- a) Right-click anywhere on the Quick Access Toolbar and then choose this option.

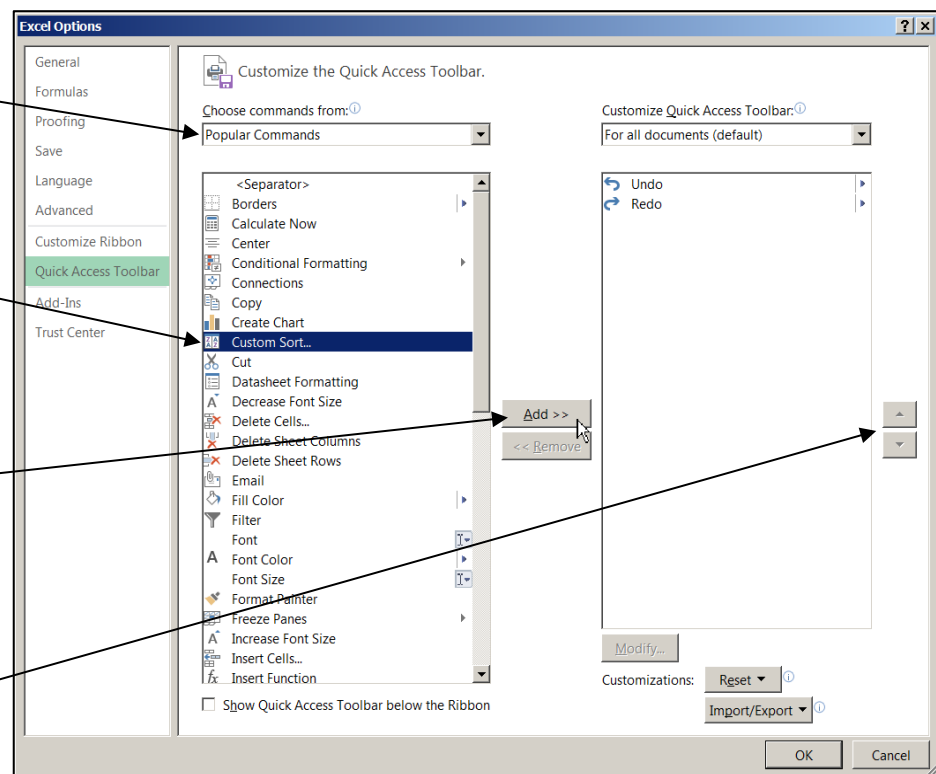


- b) Choose a Category of commands from here (*Commands Not in the Ribbon* is a good choice).

- c) Scroll down the list of available commands and click on the required one.

- d) Click the **Add >>** button to add the icon to your list of icons on the right.

- e) To change the order of your icons, use these buttons: . Click **OK** to exit.

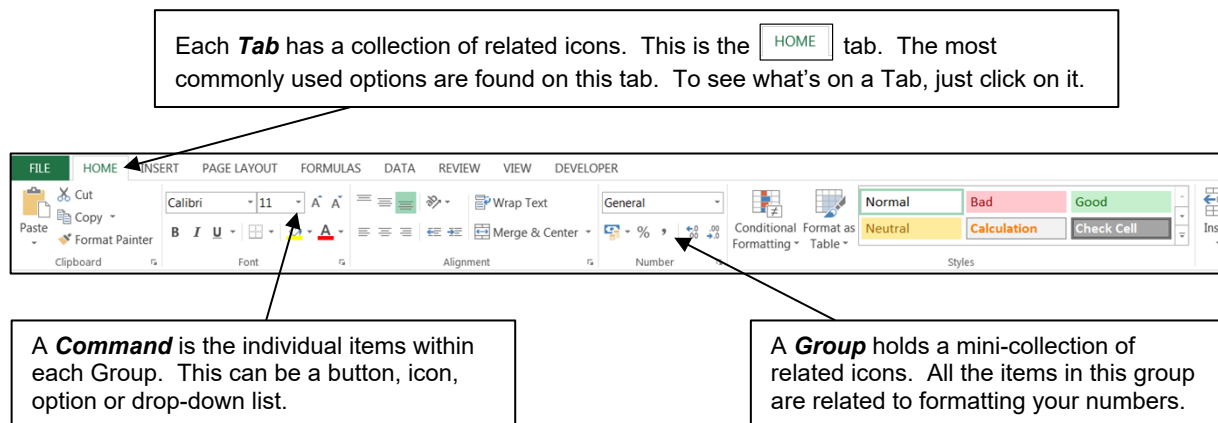


1.2 Using the Ribbon

The *Ribbon* is the main way to ask Excel to perform tasks for you. The Ribbon changes the icons displayed according to the *Tab* that is selected as shown below.

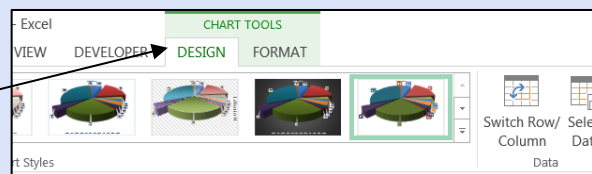
Tabs, Groups and Commands

The Ribbon is divided into *Tabs*, *Groups* and *Commands*. The diagram below shows an example of each:



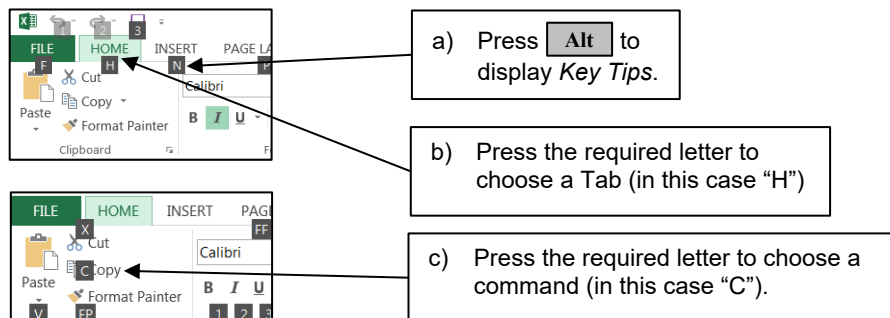
Extra Tabs will appear on the Ribbon when you do certain operations like add Charts or Pivot Tables:

You will only see the **Chart Tools** Tabs on the Ribbon when you have created a chart.



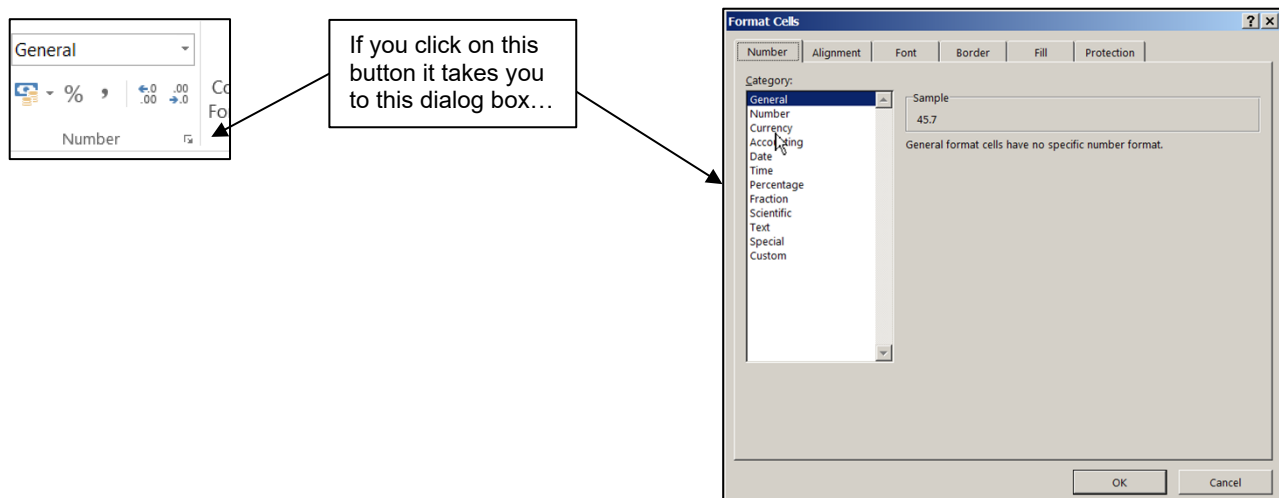
Using Quick Keys

You can use the keyboard to access the Ribbon by using Quick keys. The diagram below shows how to use the keyboard instead of the mouse to select the *copy* command:



Seeing More Options

Some groups within a Tab have further options that you can access by clicking on the *Dialog Box Launcher* button:



CHAPTER 2 - EXCEL BASICS

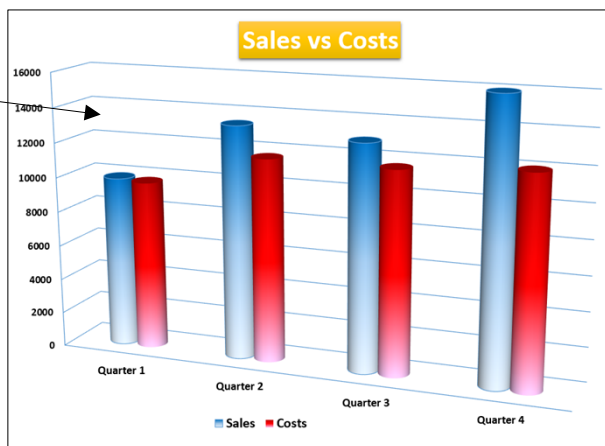
2.1 What is Excel Used for?

Microsoft® Excel has grown from a fairly simple spreadsheet into a complex program capable of doing much more than just calculate figures. Below are some of the uses of Excel:

A *spreadsheet* allows you to add up columns of figures and to calculate values by creating formulae.

	A	B	C	D
1				
2	Month:	May		
3				
4		Actual	Budget	Variance
5				
6	Overheads:	£5,865	£6,000	£135
7	Materials:	£1,578	£1,500	-£78
8	Other Goods/Services:	£1,079	£1,000	-£79
9	Salaries:	£3,451	£4,000	£549
10	Depreciation:	£527	£700	£173
11				
12	Total:	£12,500	£13,200	£700
13				

You can present the figures from your spreadsheets in a graphical way using *charts*.



When you have a large *Table* you can ask Excel to sort your items into any order and be selective about which data you want to view.

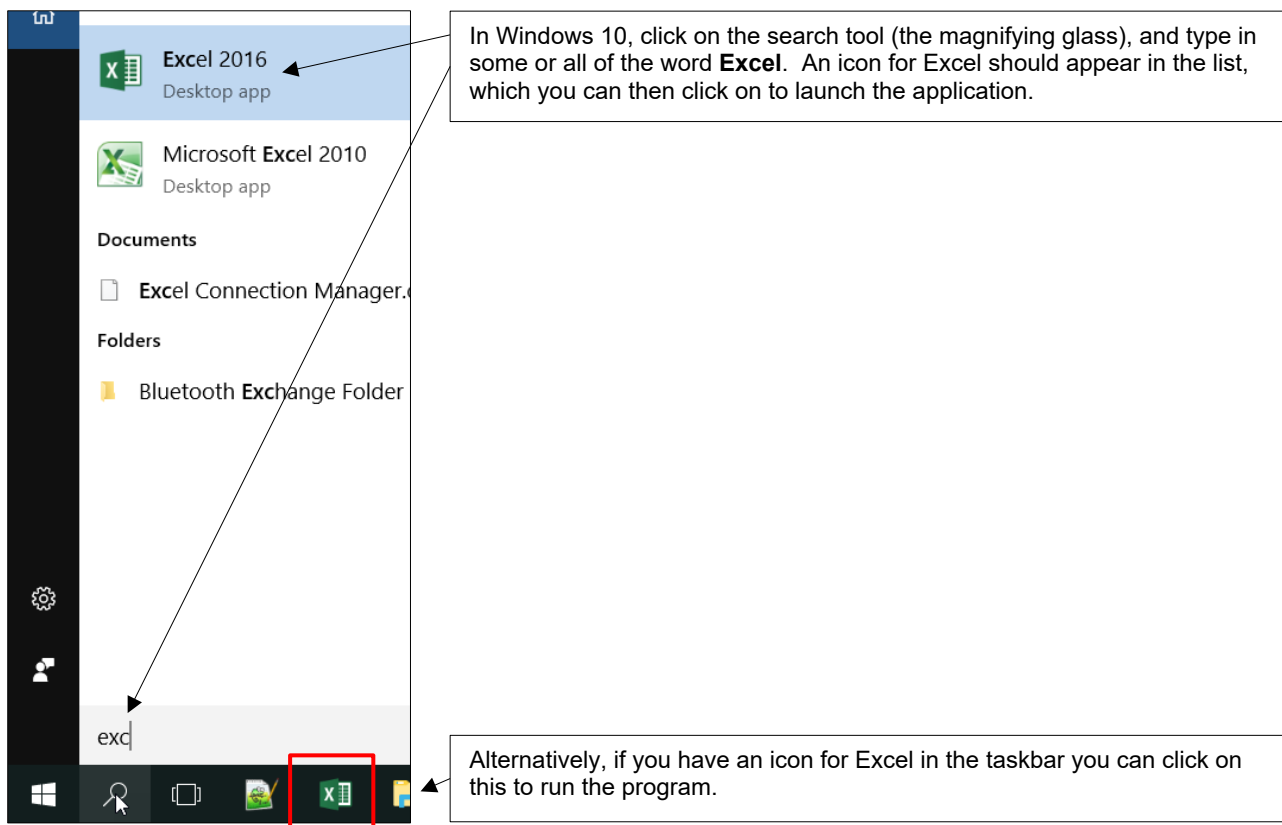
	A	B	C	D	E	F	G
1	Wise Owl Database of Rollercoasters						
2							
3	Roller Coaster	Amusement Park	Type	Design	Status	Opened	Speed (mph)
4	Stealth	Thorpe Park	Steel	Sit Down	Operating	2006	80.00
5	Pepsi Max Big One	Pleasure Beach, Blackpool	Steel	Sit Down	Operating	1994	74.00
6	Oblivion	Alton Towers	Steel	Sit Down	Operating	1998	68.00
7	Jubilee Odyssey	Fantasy Island	Steel	Inverted	Operating	2002	63.00
8	Rita - Queen of Speed	Alton Towers	Steel	Sit Down	Operating	2005	61.10
9	Speed: No Limits	Oakwood Theme Park	Steel	Sit Down	Operating	2006	59.00
10	Millennium Roller Coaster	Fantasy Island	Steel	Sit Down	Operating	1999	55.90
11	Kumali	Flamingo Land Theme Park & Zoo	Steel	Inverted	Operating	2006	54.90
12	Velocity	Flamingo Land Theme Park & Zoo	Steel	Sit Down	Operating	2005	54.00
13	Shockwave	Drayton Manor Park	Steel	Stand Up	Operating	1994	53.00
14	Nemesis	Alton Towers	Steel	Inverted	Operating	1994	50.00
15	Ultimate	Lightwater Valley	Steel	Sit Down	Operating	1991	50.00
16	Infusion	Pleasure Beach, Blackpool	Steel	Inverted	Operating	2007	49.70
17	Megafobia	Oakwood Theme Park	Wood	Sit Down	Operating	1996	48.00
18	Nemesis Inferno	Thorpe Park	Steel	Inverted	Operating	2003	47.80
19	Beast	Pleasure Island Family Theme Park	Steel	Sit Down	Operating	1993	47.00

2.2 Opening and closing Excel

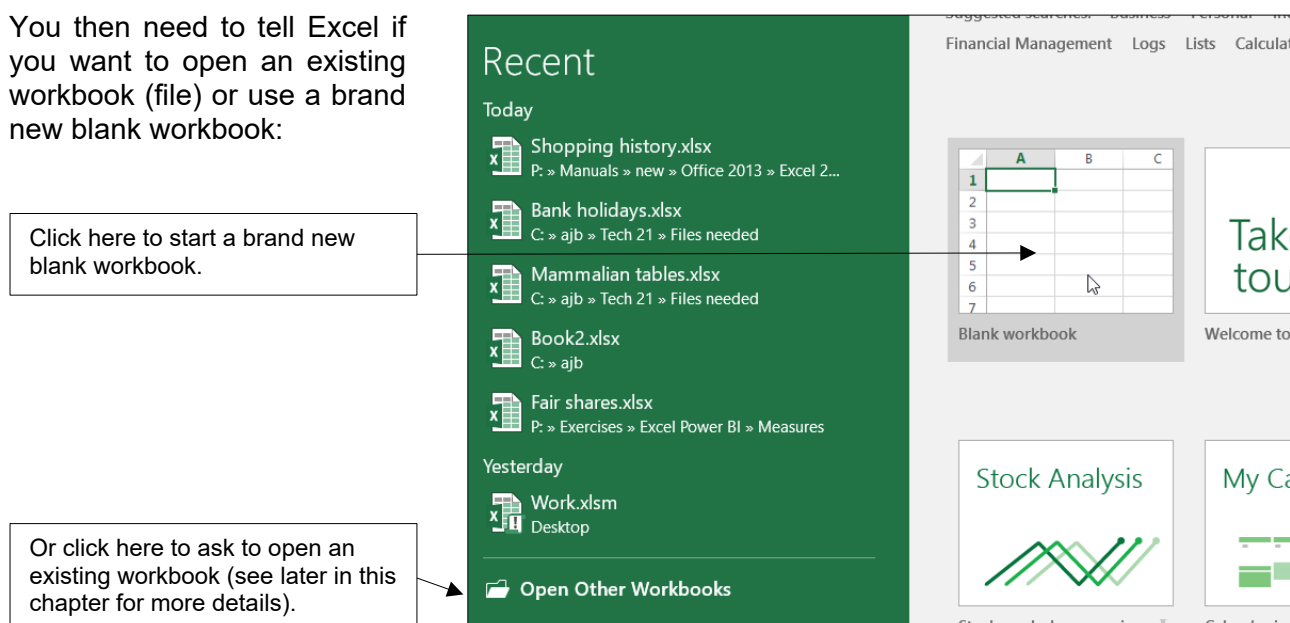
There might be several different ways to open and close Excel on your computer.

Opening/Starting Excel

Two common methods for opening Excel are shown below:

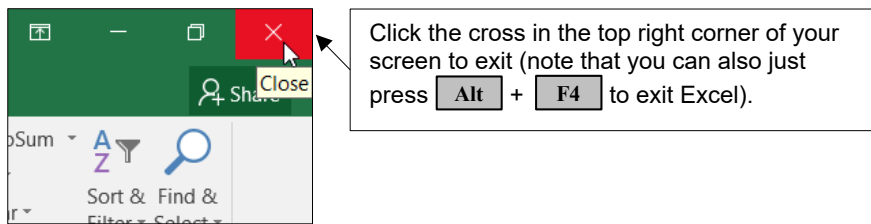


You then need to tell Excel if you want to open an existing workbook (file) or use a brand new blank workbook:



Closing/Ending Excel

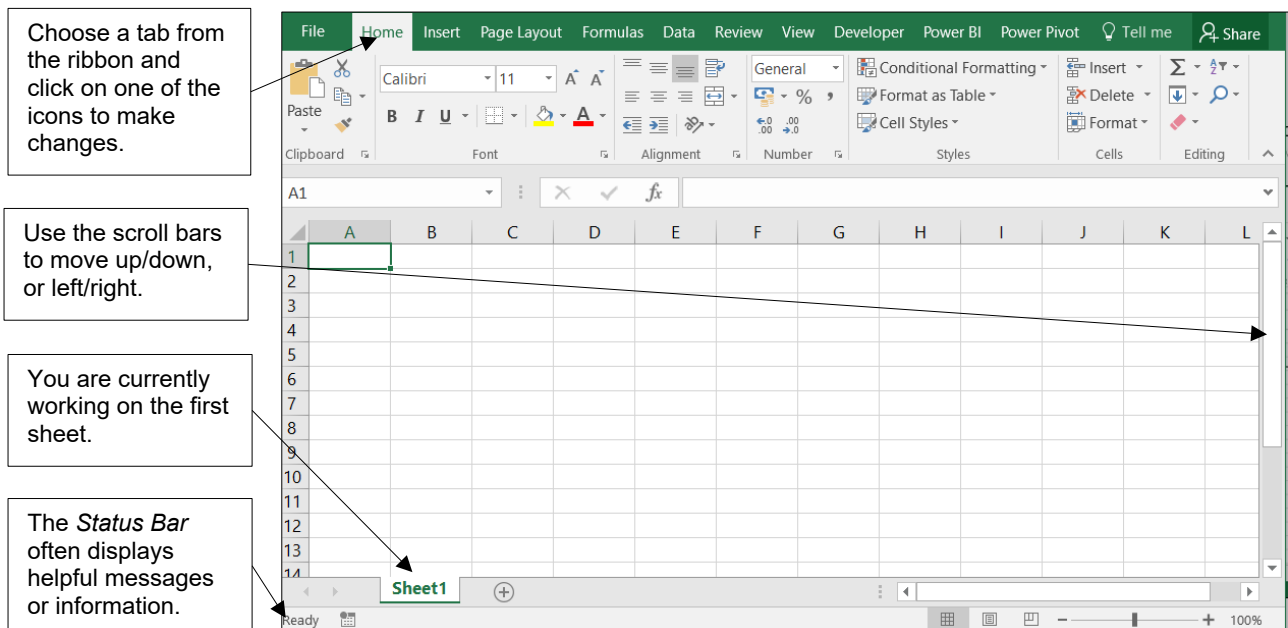
The easiest way to close Excel is as follows:



*Note that you can no longer choose **Exit** from the **File** Tab (this has been removed from Excel). If this really annoys you, you can add an **Exit** icon to the Quick Access Toolbar (covered in a different chapter).*

The Screen Layout

When you enter Excel, you need to either ask to open an existing workbook, or ask for a brand new blank worksheet, as described on the previous page.

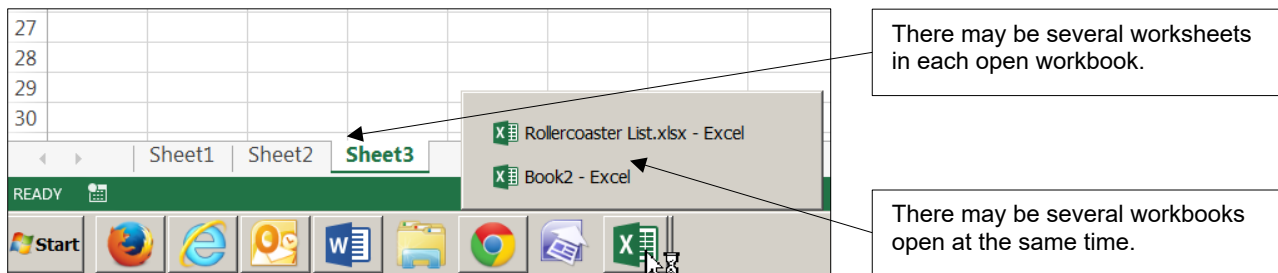


2.3 Structure of a Workbook

Before you start to create a spreadsheet, it is well worth understanding the different parts of an Excel file.

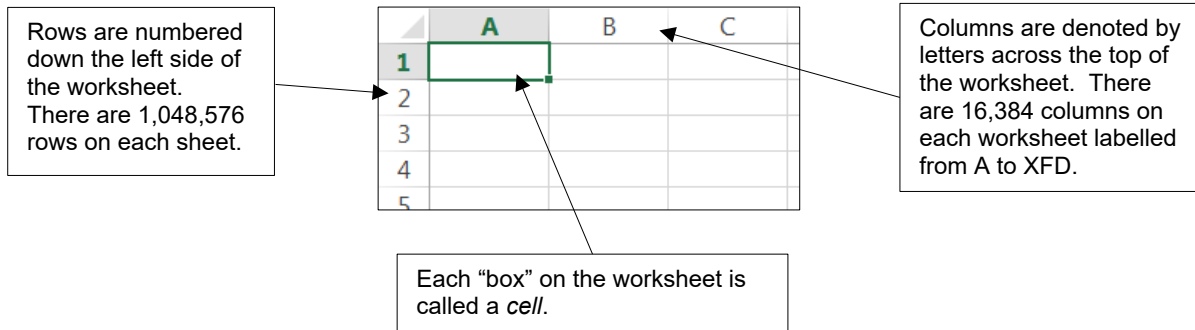
Workbooks and Worksheets

Each Excel file is referred to as a *workbook*. Within each workbook there may be many worksheets.



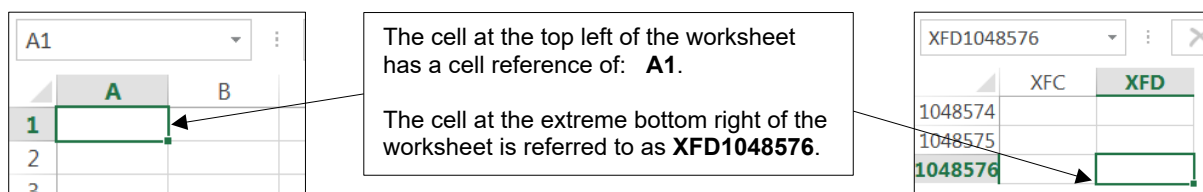
Cells, Rows and Columns

Worksheets are divided into *cells*, *rows* and *columns*.



Cell References

Each cell on the worksheet is referenced by its' column and row number. Excel calls this the *cell reference*.



Blank lined area for writing.



Blank lined area for writing.



Blank lined area for writing.



Blank lined paper for writing.



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Handwriting practice lines consisting of 20 horizontal dotted lines.



What we do!

		Basic training	Advanced training	Systems / consultancy
Office	Microsoft Excel			
	VBA macros			
	Office Scripts			
	Microsoft Access			
Power BI, etc	Power BI and DAX			
	Power Apps			
	Power Automate (both)			
SQL Server	SQL			
	Reporting Services			
	Report Builder			
	Integration Services			
	Analysis Services			
Coding	Visual C#			
	VB programming			
	MySQL			
	Python			



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