

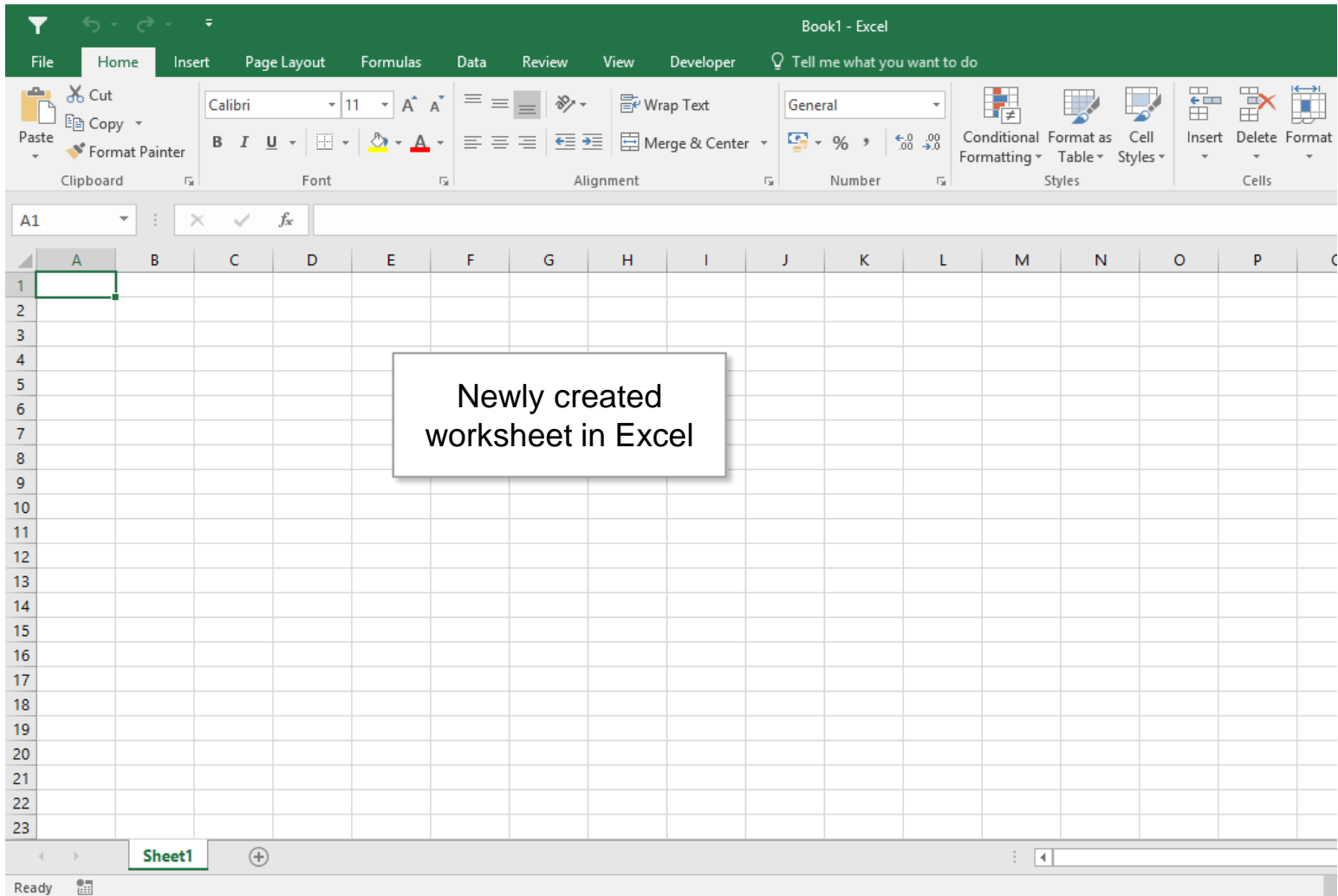
I. A selection of useful tips and tools

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Formatting a worksheet

Formatting a worksheet



Formatting a worksheet

Book1 - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard: Cut, Copy, Paste, Format Painter

Font: Calibri, 11, Bold, Italic, Underline, Text Color, Background Color

Alignment: Wrap Text, Merge & Center, Left, Center, Right, Indent, Decrease Indent, Increase Indent

Number: General, Percentage, Decimal, Fraction, Date, Time, Text, Error

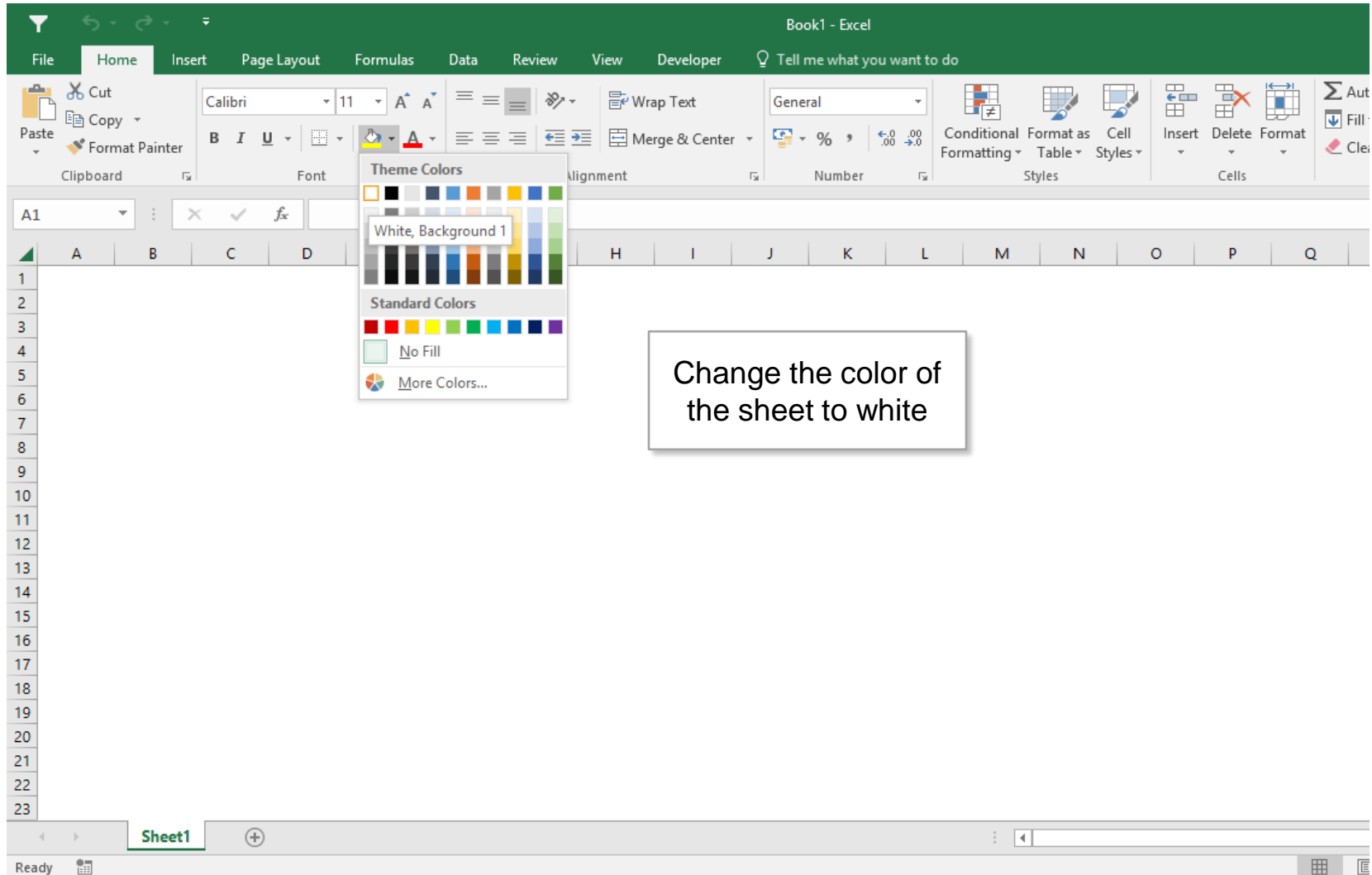
Styles: Conditional Formatting, Format as Table, Cell Styles, Insert

A1

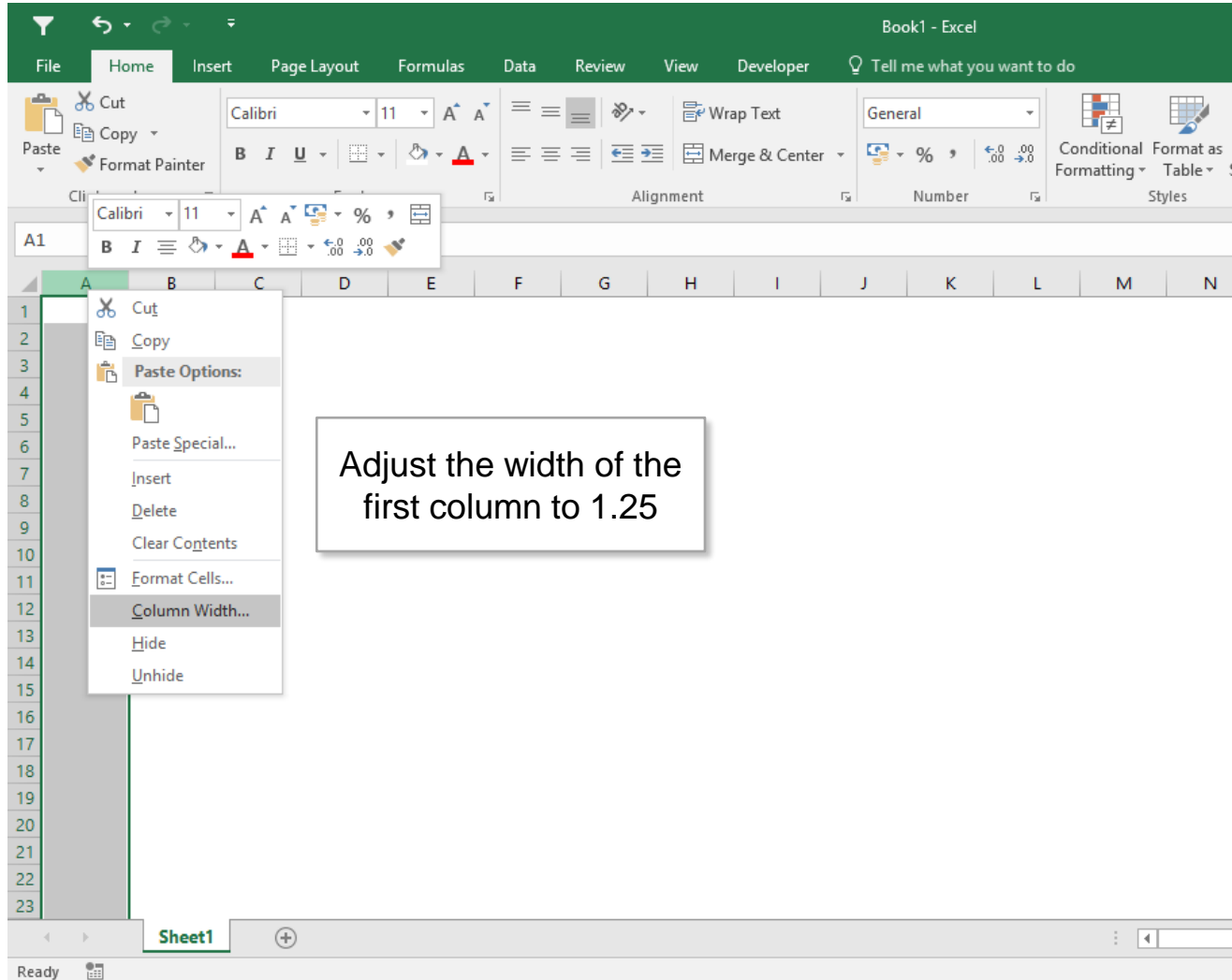
Use this button or Ctrl + A

Select the entire worksheet

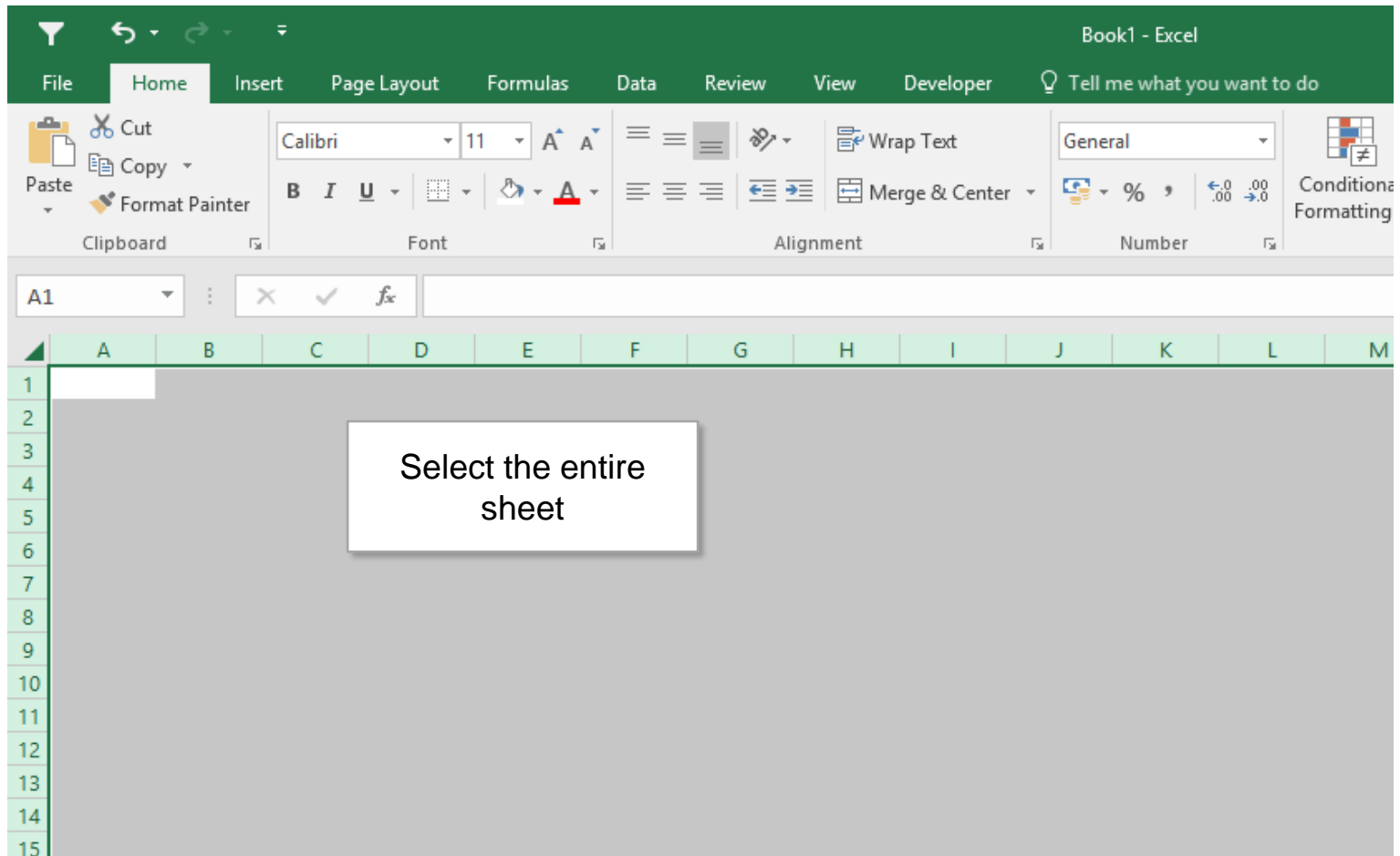
Formatting a worksheet



Formatting a worksheet



Formatting a worksheet



Formatting a worksheet

The screenshot displays the Microsoft Excel interface. The title bar at the top reads "Book1 - Excel". The ribbon is set to the "Home" tab, which is divided into several groups: Clipboard (containing Cut, Copy, Paste, and Format Painter), Font (containing font face, size, bold, italic, underline, color, and background color), Paragraph (containing bullet points, numbering, indentation, and alignment), Styles (containing text and cell styles), and a "Tell me what you want to do" search bar. The worksheet grid below the ribbon shows columns A through N and rows 1 through 19. A callout box with a pointer to the font size dropdown in the Font group contains the text: "Choose Arial, font size 9".

Formatting a worksheet

The screenshot shows the Microsoft Excel interface with the 'Home' tab selected. The 'Font' group on the ribbon is active, displaying options for font face (Arial), size (12), and color. A color palette is open, showing 'Automatic', 'Theme Colors', and 'Standard Colors'. A label 'Dark Blue' points to a specific color swatch in the 'Standard Colors' section. Two text boxes are overlaid on the spreadsheet:

- B1 will be the title of the sheet**
- Assign a font size of 12 and a dark blue color to the text**

The spreadsheet grid shows column B1 is selected. The ribbon also includes options for bold, italic, underline, text alignment, and number formatting.

Freeze Panes

Freeze panes

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout **Formulas** Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Custom Views Ruler Formula Bar Gridlines Headings Zoom 100% Zoom to Selection New Window Arrange All Freeze Panes Split Hide Unhide View Side by Side Synchronous Scroll Reset Window Position

Go to "View"

B1 Freeze panes

	Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
1	2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4
2	2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4
3	2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6
4	2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96
5	2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99
6	2011	Convenience stores	Coffee	Lieken	[13/01/02]	5712	0.89	0.97
7	2011	Convenience stores	Coffee	Lieken	[13/01/03]	4872	0.62	0.9
8	2011	Convenience stores	Coffee	Lieken	[13/01/04]	6228	0.65	1.07
9	2011	Convenience stores	Coffee	Lieken	[13/01/05]	9588	0.92	1.01
10	2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96
11	2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09
12	2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1
13	2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15
14	2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98
15	2011	Convenience stores	Coffee	Lieken	[13/11/02]	8456	0.95	1.17

Freeze panes

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Custom Views Ruler Formula Bar Gridlines Headings Zoom 100% Zoom to Selection New Window Arrange All Freeze Panes Split Hide Unhide View Synchronise Reset View

Workbook Views Show Zoom Window

A4

Select a given row

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4
2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4
2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6
2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96
2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99
2011	Convenience stores	Coffee	Lieken	[13/01/02]	5712	0.89	0.97
2011	Convenience stores	Coffee	Lieken	[13/01/03]	4872	0.62	0.9
2011	Convenience stores	Coffee	Lieken	[13/01/04]	6228	0.65	1.07
2011	Convenience stores	Coffee	Lieken	[13/01/05]	9588	0.92	1.01
2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96
2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09
2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1
2011	Convenience stores	Coffee	Lieken	[13/11/01]	8024	0.51	1.15

Freeze panes

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Custom Views Workbook Views

☒ Ruler
 ☒ Formula Bar
 ☒ Gridlines
 ☒ Headings
 Zoom 100%
 Zoom to Selection
 New Window
 Arrange All
 Freeze Panes
 Split
 Hide
 Unhide
 View Side by Side
 Synchronous Scrolling
 Reset Window Position
 Switch Windows

Click on "Freeze Panes"

Freeze Panes
Keep rows and columns visible while the rest of the worksheet scrolls (based on current selection).

Freeze Top Row
Keep the top row visible while scrolling through the rest of the worksheet.

Freeze First Column
Keep the first column visible while scrolling through the rest of the worksheet.

	Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price
1	Freeze panes							
2								
3	2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	
5	2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4
6	2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6
7	2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96
8	2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99
9	2011	Convenience stores	Coffee	Lieken	[13/01/02]	5712	0.89	0.97
10	2011	Convenience stores	Coffee	Lieken	[13/01/03]	4872	0.62	0.9
11	2011	Convenience stores	Coffee	Lieken	[13/01/04]	6228	0.65	1.07
12	2011	Convenience stores	Coffee	Lieken	[13/01/05]	9588	0.92	1.01
13	2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96
14	2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09
15	2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1
16	2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15

Freeze panes

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Custom Views Ruler Formula Bar Gridlines Headings Zoom 100% Zoom to Selection New Window Arrange All Freeze Panes Split Hide Unhide View Side Syncro Reset W

Workbook Views Show Zoom Window

B15121 2013

The result is that the first three rows remained visible even when we scroll down

Freeze panes

	Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
15112	2013	Convenience stores	Sweets	Sapori di S	[76/01/06a]	636	1.29	1.72
15113	2013	Convenience stores	Beverages	TIP	[26/01/04]	60	1.03	1.33
15114	2013	Supermarkets	Vegetables	Monzuro	[102/01/01]	1524	0.76	1.19
15115	2013	Supermarkets	Vegetables	Monzuro	[102/01/02]	1452	0.64	0.93
15116	2013	Supermarkets	Vegetables	Monzuro	[102/01/03]	1572	0.9	1.11
15117	2013	Supermarkets	Vegetables	Monzuro	[102/01/04]	1512	0.82	1.07
15118	2013	Supermarkets	Vegetables	Monzuro	[102/01/05]	1320	0.83	1.02
15119	2013	Supermarkets	Vegetables	Monzuro	[102/01/06]	1572	0.64	0.93
15120	2013	Supermarkets	Vegetables	Monzuro	[102/01/07]	1296	0.89	1.02
15121	2013	Supermarkets	Vegetables	Monzuro	[102/01/08]	1512	0.81	1.08
15122								
15123								
15124								
15125								

Freeze panes

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Views Workbook Views

☒ Ruler ☒ Formula Bar ☒ Gridlines ☒ Headings Show

Zoom 100% Zoom to Selection Zoom

New Window Arrange All Freeze Panes

Split Hide Unhide View Side by Side Synchronous Scrolling Reset Window Position Switch Window

B15121 : X Y fx 2013

A B C D E F G H

1 **Freeze panes**

2

3

	Year	Type	Product group	Producer	Code	Volume	Cost per unit
15112	2013	Convenience stores	Sweets	Sapori di S	[76/01/06a]	636	1.29
15113	2013	Convenience stores	Beverages	TIP	[26/01/04]	60	1.03
15114	2013	Supermarkets	Vegetables	Monzuro	[102/01/01]	1524	0.76
15115	2013	Supermarkets	Vegetables	Monzuro	[102/01/02]	1452	0.64
15116	2013	Supermarkets	Vegetables	Monzuro	[102/01/03]	1572	
15117	2013	Supermarkets	Vegetables	Monzuro	[102/01/04]	1512	
15118	2013	Supermarkets	Vegetables	Monzuro	[102/01/05]	1320	
15119	2013	Supermarkets	Vegetables	Monzuro	[102/01/06]	1572	
15120	2013	Supermarkets	Vegetables	Monzuro	[102/01/07]	1296	
15121	2013	Supermarkets	Vegetables	Monzuro	[102/01/08]	1512	0.81
15122							1.08
15123							
15124							
15125							
15126							

Unfreeze Panes
Unlock all rows and columns to scroll through the entire worksheet.

Freeze Top Row
Keep the top row visible while scrolling through the rest of the worksheet.

Freeze First Column
Keep the first column visible while scrolling through the rest of the worksheet.

Click "Unfreeze Panes" if you would like to unlock the row

Freeze panes

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Custom Views Workbook Views

☒ Ruler ☒ Formula Bar ☒ Gridlines ☒ Headings Show

Zoom 100% Zoom to Selection

New Window Arrange All

Freeze Panes

- Split
- Hide
- Unhide
- View Side by Side
- Synchronous Scrolling
- Reset Window Position
- Switch Windows

B4

2011

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price
2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	
2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4
2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6
2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96
2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99
2011	Convenience stores	Coffee	Lieken	[13/01/02]	5712	0.89	0.97
2011	Convenience stores	Coffee	Lieken	[13/01/03]	4872	0.62	0.9
2011	Convenience stores	Coffee	Lieken	[13/01/04]	6228	0.65	1.07
2011	Convenience stores	Coffee	Lieken	[13/01/05]	9588	0.92	1.01
2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96
2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.00

Freeze Panes
Keep rows and columns visible while the rest of the worksheet scrolls (based on current selection).

Freeze Top Row
Keep the top row visible while scrolling through the rest of the worksheet.

Freeze First Column
Keep the first column visible while scrolling through the rest of the worksheet.

We could use "Freeze Panes" for columns, rows or single cells. In this example we will freeze everything above B4 and everything to its left side

Freeze panes

Useful tips and to

File Home Insert Page Layout Formulas Data Review View Developer Tell me

Normal Page Break Preview Page Layout Views Custom Views

Workbook Views

☒ Ruler ☒ Formula Bar

☒ Gridlines ☒ Headings

Show

Zoom 100% Zoom to Selection

Zoom

New Window Arrange All Freeze Panes

15121

1.08

	A	G	H	I	J	K	L	M	N	O
1										
2										
3										
		Volume	Cost per unit	Price per unit						
15106		9576	0.72	1.03						
15107		1212	1.47	1.62						
15108		684	1.37	1.9						
15109		996	1.18	1.81						
15110		852	1.16	1.8						
15111		756	1.48	1.75						
15112		636	1.29	1.72						
15113		60	1.03	1.33						
15114		1524	0.76	1.19						
15115		1452	0.64	0.93						
15116		1572	0.9	1.11						
15117		1512	0.82	1.07						
15118		1320	0.83	1.02						
15119		1572	0.64	0.93						
15120		1296	0.89	1.02						
15121		1512	0.81	1.08						
15122										
15123										

Column A and the first three rows are locked after we froze B4

Set Print Area

Set print area

Useful tips and tools - Excel file -

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Normal Page Break Preview Page Layout Custom Views Workbook Views

☒ Ruler ☒ Formula Bar ☒ Gridlines ☒ Headings Show

Zoom 100% Zoom to Selection

New Window Arrange All Freeze Panes Split Hide Unhide

B1 Set print area

	A	B	C	D	E	F	G	H	I	J
1		Set print area								
2										
3										
4		Employee	Type	Position	Monthly salary (Eur in thousand)					
5		John Davis	Full-time	Managing director	6.0					
6		Paul Smith	Full-time	Accountant	3.0					
7		James Erving	Full-time	Administrator	2.0					
8		Richard Owen	Part-time	Support staff	1.5					
9		Clyde Baker	Part-time	Support staff	1.5					
10		Total			14.0					
11										
12										
13										
14		*Richard is an intern								
15		**Clyde works 4 hours per day								
16		***John has a company car								
17										
18										

Select the area that you would like to be printed

Set print area

Useful tips and tools - Excel

File Home Insert **Page Layout** Formulas Data Review View Developer Tell me what you want to do

Themes Colors Fonts Effects Margins Orientation Size **Print Area** Breaks Background Print Titles Width: Automatic Height: Automatic Scale: 100 % Gridlines View Print Sheet Options

Set Print Area
Clear Print Area

B1

Employee	Type	Position	Monthly salary (Eur in thousand)
John Davis	Full-time	Managing director	6.0
Paul Smith	Full-time	Accountant	3.0
James Erving	Full-time	Administrator	2.0
Richard Owen	Part-time	Support staff	1.5
Clyde Baker	Part-time	Support staff	1.5
Total			14.0

*Richard is an intern
**Clyde works 4 hours per day
***John has a company car

Fast Scrolling

Fast scrolling

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard: Cut, Copy, Paste, Format Painter

Font: Arial, 9, Bold, Italic, Underline, Text Color, Background Color

Alignment: Wrap Text, Merge & Center

Number: General, Percentage, Decimal places, Rounding

Styles: Conditional Formatting, Format as Table, Cell Styles, Insert

G3: Volume

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		Freeze panes												
2														
3		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit					
4		2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4					
5		2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4					
6		2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6					
7		2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96					
8		2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99					
9		2011	Convenience stores	Coffee	Lieken	[13/01/02]	5712	0.89	0.97					
10		2011	Convenience stores	Coffee	Lieken	[13/0								
11		2011	Convenience stores	Coffee	Lieken	[13/0								
12		2011	Convenience stores	Coffee	Lieken	[13/0								
13		2011	Convenience stores	Coffee	Lieken	[13/0								
14		2011	Convenience stores	Coffee	Lieken	[13/0								
15		2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1					
16		2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15					
17		2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98					
18		2011	Convenience stores	Coffee	Lieken	[13/11/02]	9456	0.85	1.17					
19		2011	Convenience stores	Coffee	Lieken	[13/11/03]	7488	1.19	0.91					
20		2011	Convenience stores	Coffee	Lieken	[13/11/04]	7176	0.56	1.13					
21		2011	Convenience stores	Coffee	J&F	[13/12/01]	7140	0.72	0.91					
22		2011	Convenience stores	Coffee	J&F	[13/12/02]	6996	1.2	0.94					
23		2011	Convenience stores	Coffee	J&F	[13/12/03]	4836	1.18	0.96					
24		2011	Convenience stores	Coffee	J&F	[13/12/04]	8988	0.5	1.04					

Click Ctrl+ Arrow key
(in this example Down Arrow)

Fast scrolling

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard Font Alignment Number Styles Cells

Clipboard: Paste, Cut, Copy, Format Painter
Font: Arial, 9, Bold, Italic, Underline, Color, Background Color
Alignment: Wrap Text, Merge & Center
Number: General, Percentage, Decimal places, Rounding
Styles: Conditional Formatting, Format as Table, Cell Styles
Cells: Insert, Delete

Formula bar: G15121, 1512

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
15094	2013	Convenience stores	Cosmetics	Sephora	[01/01/32]	276	4.07	5.25						
15095	2013	Convenience stores	Cosmetics	Sephora	[01/01/33]	504	4.87	5.24						
15096	2013	Convenience stores	Cosmetics	Sephora	[01/01/34]	720	4.25	5.35						
15097	2013	Convenience stores	Cosmetics	Sephora	[01/01/35]	336	4.12	5.1						
15098	2013	Convenience stores	Cosmetics	Sephora	[01/01/36]	684	4.95	5.36						
15099	2013	Convenience stores	Cosmetics	Sephora	[01/01/37]									
15100	2013	Convenience stores	Cosmetics	Sephora	[01/01/38]									
15101	2013	Convenience stores	Cosmetics	Sephora	[01/01/39]									
15102	2013	Convenience stores	Cosmetics	Sephora	[01/01/40]									
15103	2013	Convenience stores	Cosmetics	Sephora	[01/01/41]									
15104	2013	Convenience stores	Cosmetics	Sephora	[01/01/42]									
15105	2013	Convenience stores	Coffee	Jacobs	[11/01/01]	5772	0.66	1.09						
15106	2013	Convenience stores	Coffee	Jacobs	[11/01/02]									
15107	2013	Convenience stores	Sweets	Sapori di S	[76/01/01]									
15108	2013	Convenience stores	Sweets	Sapori di S	[76/01/02]									
15109	2013	Convenience stores	Sweets	Sapori di S	[76/01/03]									
15110	2013	Convenience stores	Sweets	Sapori di S	[76/01/04]									
15111	2013	Convenience stores	Sweets	Sapori di S	[76/01/05]									
15112	2013	Convenience stores	Sweets	Sapori di S	[76/01/06a]	636	1.29	1.72						
15113	2013	Convenience stores	Beverages	TIP	[26/01/04]	60	1.03	1.33						
15114	2013	Supermarkets	Vegetables	Monzuro	[102/01/01]	1524	0.76	1.19						
15115	2013	Supermarkets	Vegetables	Monzuro	[102/01/02]	1452	0.64	0.93						
15116	2013	Supermarkets	Vegetables	Monzuro	[102/01/03]	1572	0.9	1.11						
15117	2013	Supermarkets	Vegetables	Monzuro	[102/01/04]	1512	0.82	1.07						
15118	2013	Supermarkets	Vegetables	Monzuro	[102/01/05]	1320	0.83	1.02						
15119	2013	Supermarkets	Vegetables	Monzuro	[102/01/06]	1572	0.64	0.93						
15120	2013	Supermarkets	Vegetables	Monzuro	[102/01/07]	1296	0.89	1.02						
15121	2013	Supermarkets	Vegetables	Monzuro	[102/01/08]	1512	0.81	1.08						
15122														

Index --> Formatting a worksheet Freeze Panes Set Print Area Fast scrolling Fixing refer ...

Excel will take you to the last non-blank cell

This command can be used in any direction

Fast scrolling

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Paste Cut Copy Format Painter Clipboard

Arial 9 A A Font

B I U Alignment

Wrap Text Merge & Center

General Number

Conditional Formatting Format as Table Cell Styles Insert Del

G4 420

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
15094	2013	Convenience stores	Cosmetics	Sephora	01/01/32	276		4.07	5.25					
15095	2013	Convenience stores	Cosmetics	Sephora	01/01/33	504		4.87	5.24					
15096	2013	Convenience stores	Cosmetics	Sephora	01/01/34	720		4.25	5.35					
15097	2013	Convenience stores	Cosmetics	Sephora	01/01/35	336		4.12	5.1					
15098	2013	Convenience stores	Cosmetics	Sephora	01/01/36	684		4.95	5.36					
15099	2013	Convenience stores	Cosmetics	Sephora	01/01/37	480		4.45	5.25					
15100	2013	Convenience stores	Cosmetics	Sephora	01/01/38	252								
15101	2013	Convenience stores	Cosmetics	Sephora	01/01/39	696								
15102	2013	Convenience stores	Cosmetics	Sephora	01/01/40	432								
15103	2013	Convenience stores	Cosmetics	Sephora	01/01/41	360								
15104	2013	Convenience stores	Cosmetics	Sephora	01/01/42	372								
15105	2013	Convenience stores	Coffee	Jacobs	11/01/01	5772		0.66	1.09					
15106	2013	Convenience stores	Coffee	Jacobs	11/02/01	9576		0.72	1.03					
15107	2013	Convenience stores	Sweets	Sapori di S	76/01/01	1212		1.47	1.62					
15108	2013	Convenience stores	Sweets	Sapori di S	76/01/02	684		1.37	1.9					
15109	2013	Convenience stores	Sweets	Sapori di S	76/01/03	996		1.18	1.81					
15110	2013	Convenience stores	Sweets	Sapori di S	76/01/04	852		1.16	1.8					
15111	2013	Convenience stores	Sweets	Sapori di S	76/01/05a	756		1.48	1.75					
15112	2013	Convenience stores	Sweets	Sapori di S	76/01/06a	636		1.29	1.72					
15113	2013	Convenience stores	Beverages	TIP	26/01/04	60		1.03	1.33					
15114	2013	Supermarkets	Vegetables	Monzuro	102/01/01	1524		0.76	1.19					
15115	2013	Supermarkets	Vegetables	Monzuro	102/01/02	1452		0.64	0.93					
15116	2013	Supermarkets	Vegetables	Monzuro	102/01/03	1572		0.9	1.11					
15117	2013	Supermarkets	Vegetables	Monzuro	102/01/04	1512		0.82	1.07					
15118	2013	Supermarkets	Vegetables	Monzuro	102/01/05	1320		0.83	1.02					

You can also select the range that you are scrolling through, by holding Ctrl + Shift + Arrow Key

Fixing references

Fixing references

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard: Cut, Copy, Paste, Format Painter

Font: Arial, 9, Bold, Italic, Underline, Text Color, Background Color

Alignment: Left, Center, Right, Indent, Decrease Indent, Increase Indent, Merge & Center

Number: General, Percentage, Decimal, Fraction, Date, Time, Text, Error, Custom

Styles: Conditional Formatting, Format as Table, Styles

Formula Bar: K4, =G4*H4

	A	B	C	D	E	F	G	H	I	J	K	L
1	Fixing references											
2												
3		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit			
4		2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4		2528.4	
5		2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4			
6		2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6			
7		2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96			
8		2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99			
9		2011	Convenience stores	Coffee	Lieken	[13/01/02]	5712	0.89	0.97			
10		2011	Convenience stores	Coffee	Lieken	[13/01/03]	4872	0.62	0.9			
11		2011	Convenience stores	Coffee	Lieken	[13/01/04]	6228	0.65	1.07			
12		2011	Convenience stores	Coffee	Lieken	[13/01/05]	9588	0.92	1.01			
13		2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96			
14		2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09			
15		2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1			
16		2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15			
17		2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98			
18		2011	Convenience stores	Coffee	Lieken	[13/11/02]	9456	0.85	1.17			

Fixing references

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

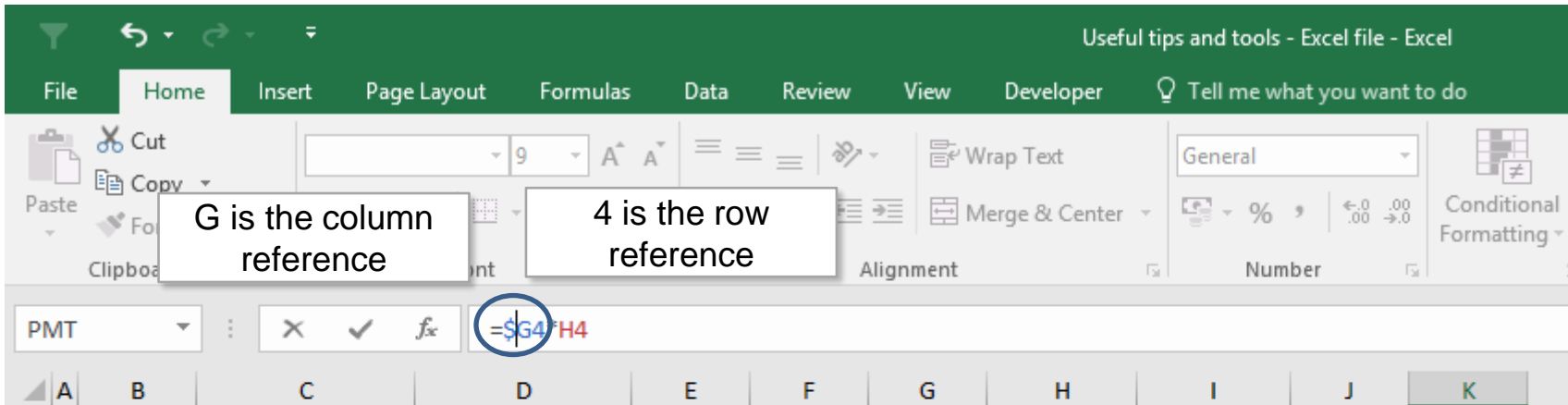
Clipboard Font Alignment Number Styles

PMT X ✓ f_x =H4*I4

	A	B	C	D	E	F	G	H	I	J	K	L
1	Fixing references											
2												
3		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit			
4		2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4		2528.4	=H4*I4
5		2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4			
6		2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6			
7		2011	Convenience stores	Coffee	Lieken	[13/01/01]						
8		2011	Convenience stores	Coffee	Lieken	[13/01/01a]						
9		2011	Convenience stores	Coffee	Lieken	[13/01/02]						
10		2011	Convenience stores	Coffee	Lieken	[13/01/03]						
11		2011	Convenience stores	Coffee	Lieken	[13/01/04]						
12		2011	Convenience stores	Coffee	Lieken	[13/01/05]						
13		2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96			
14		2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09			
15		2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1			
16		2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15			
17		2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98			

If we copy the formula to the right, it will multiply (Cost per Unit) * (Price per Unit)

Fixing references



Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

G is the column reference

4 is the row reference

Formula bar: `=G4`

Let's say that we want to do the following:

1. Multiply (Volume) * (Cost per Unit)
2. Copy the ready formula and multiply (Volume) * (Price per Unit)

We have to fix the column reference of Volume, because we would like to multiply by Volume when we copy to the right

					Code	Volume	Cost per Unit	Price per Unit
10	2011	Convenience stores	Coffee	Lieken	[13/01/03]	4872	0.62	0.9
11	2011	Convenience stores	Coffee	Lieken	[13/01/04]	6228	0.65	1.07
12	2011	Convenience stores	Coffee	Lieken	[13/01/05]	9588	0.92	1.01
13	2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96
14	2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09
15	2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1
16	2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15
17	2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98

Fixing references

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Paste Cut Copy Format Painter Clipboard Font Alignment Number Styles

PMT X ✓ f_x =G4*I4

Cell Styles A color make the sh

Fixing references

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit	
2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4	2528.4 =G4*I4
2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4	
2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6	
2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96	
2011	Convenience stores	Coffee	Lieken	[13/01/01a]				
2011	Convenience stores	Coffee	Lieken	[13/01/02]				
2011	Convenience stores	Coffee	Lieken	[13/01/03]				
2011	Convenience stores	Coffee	Lieken	[13/01/04]				
2011	Convenience stores	Coffee	Lieken	[13/01/05]				
2011	Convenience stores	Coffee	Lieken	[13/01/06]				
2011	Convenience stores	Coffee	Lieken	[13/01/07]				
2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1	
2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15	
2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98	
2011	Convenience stores	Coffee	Lieken	[13/11/02]	9456	0.85	1.17	
2011	Convenience stores	Coffee	Lieken	[13/11/03]	7488	1.19	0.91	
2011	Convenience stores	Coffee	Lieken	[13/11/04]	7176	0.56	1.13	
2011	Convenience stores	Coffee	Lieken	[13/12/01]	7140	0.72	0.91	

After we fixed the column reference of volumes, the copied formula multiplies (Volume) * (Price per Unit) exactly as we wanted to

Fixing references

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Cut Copy Paste Format Painter Clipboard

Font

Alignment

Number

Conditional Form Formatting Tab Styles

PMT X ✓ fx =G\$4*H4

	A	B	C	D	E	F	G	H	I	J	K	L
1		Fixing references										
2												
3		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit			
4		2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4		=G\$4*H4	
5		2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4			
6		2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6			
7		2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96			
8		2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5928	0.95	0.99			
9		2011	Convenience stores	Coff					0.97			
10		2011	Convenience stores	Coff					0.9			
11		2011	Convenience stores	Coff					1.07			
12		2011	Convenience stores	Coffee	Lieken	[13/01/05]	9300	0.92	1.01			
13		2011	Convenience stores	Coffee	Lieken	[13/01/06]	7836	1.19	0.96			
14		2011	Convenience stores	Coffee	Lieken	[13/01/07]	7560	1.02	1.09			
15		2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1			
16		2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15			
17		2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98			
18		2011	Convenience stores	Coffee	Lieken	[13/11/02]	9456	0.95	1.17			

We can also fix row references

Fixing references

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard Font Alignment Number Conditional Formatting

PMT X ✓ fx =G\$4*H5

	A	B	C	D	E	F	G	H	I	J	K
1	Fixing references										
2											
3		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit		
4		2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4		2528.4
5		2011	Convenience stores	Meat	Lieken	[13/13/98]	480	6.1	7.4		=G\$4*H5
6		2011	Convenience stores	Meat	Lieken	[13/13/99]	528	5.4	7.6		
7		2011	Convenience stores	Coffee	Lieken	[13/01/01]	4836	0.74	0.96		
8		2011	Convenience stores	Coffee	Lieken	[13/01/01a]	5028	0.95	0.98		
9		2011	Convenience stores	Coffee	Lieken	[13/01/01b]	7038	1.15	0.98		
10		2011	Convenience stores	Coffee	Lieken	[13/01/01c]	7560	1.02	1.09		
11		2011	Convenience stores	Coffee	Lieken	[13/01/30]	8556	0.99	1.1		
12		2011	Convenience stores	Coffee	Lieken	[13/11/01]	9024	0.51	1.15		
13		2011	Convenience stores	Coffee	Lieken	[13/11/01a]	7260	1.04	0.98		
14		2011	Convenience stores	Coffee	Lieken	[13/11/01b]	8456	0.95	1.17		

When we copy the formula downwards, we can see that the Volume cell remained on the 4th row

Text to columns

Text to columns

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard: Paste, Cut, Copy, Format Painter

Font: Arial, 9, Bold, Italic, Underline, Text Color, Background Color

Alignment: Left, Center, Right, Indent, Wrap Text, Merge & Center

Number: General, Percentage, Decimal, Fraction, Text, Scientific, Custom

Conditional Formatting

B3: Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		Text to columns												
2														
3		Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP												
4		Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99 GBP												
5		Item MEDIACOM SmartPad-855i Price 79.90 GBP												
6		Item ASUSMemoPad-HD-7-ME70C-1B007A White Price 79.90 GBP												
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														

When we have text in cells which is difficult to elaborate "Text to columns" comes in hand

Text to columns

The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. The ribbon includes options for 'Get External Data', 'Get & Transform', 'Connections', and 'Sort & Filter'. The 'Text to Columns' button is highlighted in the 'Sort & Filter' group. Below the ribbon, the formula bar shows the text 'Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP'. The worksheet grid shows the text in cell B3, with the first row of data starting at row 3. A callout box points to the 'Text to Columns' button in the ribbon.

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas **Data** Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Show Queries From Table Recent Sources Refresh All Connections Sort Filter Clear Reapply Advanced Text to Columns

Get External Data Get & Transform Connections Sort & Filter

B3 : Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		Text to columns												
2														
3		Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP												
4		Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99 GBP												
5		Item MEDIACOM SmartPad-855i Price 79.90 GBP												
6		Item ASUSMemoPad-HD-7-ME70C-1B007A White Price 79.90 GBP												
7														
8														
9														
10														
11														
12														
13														
14														
15														

Go to "Data" and select "Text to Columns"

Text to columns

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Refresh All Edit Links Connections Properties Sort Filter Clear Reapply Advanced Flash Fill Remove Duplicates Text to Columns Data Validation

Get External Data Get & Transform

B3 Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99

Text to columns

1 Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99

2 Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99

3 Item MEDIACOM SmartPad-855i Price 79.90 GBP

4 Item ASUS MemoPad-HD-7-ME70C-1B007A White Price 79.90 GBP

5

6

7

8

9

10

11

12

13

14

15

16

17

18

Convert Text to Columns Wizard - Step 1 of 3

The Text Wizard has determined that your data is Delimited.

If this is correct, choose Next, or choose the data type that best describes your data.

Original data type

Choose the file type that best describes your data:

☒ Delimited - Characters such as commas or tabs separate each field.

☐ Fixed width - Fields are aligned in columns with spaces between each field.

Preview of selected data:

TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP

MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99 GBP

MEDIACOM SmartPad-855i Price 79.90 GBP

SUSMemoPad-HD-7-ME70C-1B007A White Price 79.90 GBP

Cancel < Back Next > Finish

1 Pick "Delimited" if the data follows a given pattern

2 Pick "Fixed width" if you want to separate the data into columns mechanically

Text to columns

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Show Queries From Table Recent Sources Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Text to Columns Flash Fill Remove Duplicates Data Validation

Get External Data Get & Transform Data

B3 Item TREKST

Text to columns

Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99
Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 5
Item MEDIACOM SmartPad-855i Price 79.90 GBP
Item ASUSMemoPad-HD-7-ME70C-1B007A White Price

Convert Text to Columns Wizard - Step 2 of 3

This screen lets you set the delimiters your data contains. You can see how your text is affected in the preview below.

Delimiters

- ☒ Tab
- ☐ Semicolon
- ☐ Comma
- ☒ Space
- ☐ Other:

☒ Treat consecutive spaces as one delimiter

Text qualifier:

Data preview

Item	TREKSTOR	SurfTab-breeze-
Item	MEDIACOM	SmartPad-
Item	MEDIACOM	SmartPad-
Item	ASUSMemoPad-HD-7-ME70C-1B007A	White

Cancel < Back Next > Finish

Select the criteria according to which the data will be separated into columns

Check if the data is aligned well and click "Finish"

Text to columns

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Show Queries From Table Recent Sources Refresh All Connections Sort Filter Clear Reapply Advanced Flash Fill Remove Duplicates Data Validation

Get External Data Get & Transform Connections Sort & Filter

B1 Text to columns

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		Text to columns													
2															
3		Item	TREKSTOF SurfTab-br	Price		59.99	GBP								
4		Item	MEDIACOM SmartPad-	Price		59.99	GBP								
5		Item	MEDIACOM SmartPad-i	Price		79.9	GBP								
6		Item	ASUSMem White	Price		79.9	GBP								
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															

The data is well organized into columns

Text to columns

The Text Wizard has determined that your data is Delimited.
If this is correct, choose Next, or choose the data type that best describes your data.

Original data type

Choose the file type that best describes your data:

- ☐ Delimited - Characters such as commas or tabs separate each field.
- ☒ Fixed width - Fields are aligned in columns with spaces between each field.

Preview of selected data:

3	Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP
4	Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99 GBP
5	Item MEDIACOM SmartPad-855i Price 79.90 GBP
6	Item ASUSMemoPad-HD-7-ME70C-1B007A White Price 79.90 GBP

Select "Fixed width" if you want to manually select how to separate the data into columns

Text to columns

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Text to Columns Flash Fill Remove Data Validation

Get External Data Get & Transform

B3 Item TREKST

Text to columns

Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99
Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99
Item MEDIACOM SmartPad-855i Price 79.90 GBP
Item ASUSMemoPad-HD-7-ME70C-1B007A White Price 79.90

Convert Text to Columns Wizard - Step 2 of 3

This screen lets you set field widths (column breaks).
Lines with arrows signify a column break.

To CREATE a break line, click at the desired position.
To DELETE a break line, double click on the line.
To MOVE a break line, click and drag it.

Data preview

10 20 30 40 50 60

Item TREKSTOR SurfTab-breeze-7.0-Plus Price 59.99 GBP
Item MEDIACOM SmartPad-7.0-Go-Blue-Petrol Price 59.99 GBP
Item MEDIACOM SmartPad-855i Price 79.90 GBP
Item ASUSMemoPad-HD-7-ME70C-1B007A White Price 79.90 GBP

Cancel < Back Next > Finish

Manually select how to organize the columns

Alt + Enter

Alt + Enter

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Flash Fill Remove Duplicates Text to Columns Data Validation

Get External Data Get & Transform Connections Sort & Filter

B4 X ✓ fx EBITDA FY12

Click before the text that you would like to have on a new row but within the same cell

Press Alt + Enter

Alt + Enter

EBITDA FY12

EBITDA FY13

Alt + Enter

The screenshot shows the Microsoft Excel interface with the **Data** ribbon selected. The ribbon includes groups for **Get External Data** (From Access, From Web, From Text, From Other Sources), **Get & Transform** (Show Queries, From Table, New Query, Recent Sources), **Connections** (Refresh, All, Properties, Edit Links), and **Sort & Filter** (Sort, Filter, Clear, Reapply, Advanced). The formula bar shows the formula **=EBITDA** in cell B4. The worksheet grid shows columns A through M and rows 1 through 12. Cell B4 is highlighted with a green border and contains the text **EBITDA** on the first line and **FY12** on the second line. A blue circle is drawn around the cell. A text box with a white background and a grey border is positioned to the right of the cell, containing the text: "The cell's content is on two rows within the same cell".

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced

Get External Data Get & Transform Connections Sort & Filter

B4 EBITDA

A B C D E F G H I J K L M

1 Alt + Enter

2

3

4 EBITDA

5 FY12

6 EBITDA

7 FY13

8

9

10

11

12

The cell's content is on two rows within the same cell

Wrap text

Wrap text

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard: Paste, Cut, Copy, Format Painter

Font: Arial, 9, Bold, Italic, Underline, Text Color, Background Color

Alignment: Wrap Text, Merge & Center, Left, Center, Right, Indent, Decrease Indent, Increase Indent

Number: General, Percentage, Currency, Accounting, Date, Time, Text, Fraction, Decimals, Increase Decimals, Decrease Decimals

Styles: Conditional Formatting, Format Table

Formula Bar: B4, Salary (Euro in thousand)

Worksheet: A, B, C, D, E, F, G, H, I, J, K, L, M, N

Row 1: Wrap text

Row 4: Salary (Euro in thousand)

If the text content of a cell leaves its borders, use "Wrap text" in order to adjust the row size and fit the text within the cell

Wrap text

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard: Cut, Copy, Paste, Format Painter

Font: Arial, 9, Bold, Italic, Underline, Font Color, Background Color

Alignment: Wrap Text, Merge & Center, Left, Center, Right, Indent, Decrease Indent, Increase Indent

Number: General, Percentage, Currency, Accounting, Date, Time, Text, Fraction, Scientific, More Numbering

Conditional Formatting, Styles

B4: X ✓ fx Salary (Euro in thousand)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1		Wrap text												
2														
3														
4		Salary (Euro in thousand)												
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

The cell becomes larger

Custom sort

Custom sort

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Cut Copy Paste Format Painter Clipboard

Arial 12 A A Font

Wrap Text Merge & Center Alignment

General % , .00 .00 Number

Conditional Formatting Format as Table Cell Styles Styles

B1 Sort data

If you would like to sort a table according to one of its columns you could use "Custom Sort"

	Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
1								
2								
3								
4								
5	2011	Convenience stores	Coffee	J&F	[13/01/05]	9588	0.92	1.01
6	2011	Convenience stores	Meat	J&F	[13/13/99]	528	5.4	7.6
7	2011	Convenience stores	Coffee	J&F	[13/01/06]	7836	1.19	0.96
8	2011	Convenience stores	Coffee	J&F	[13/01/02]	5712	0.89	0.97
9	2011	Convenience stores	Coffee	J&F	[13/01/04]	6228	0.65	1.07
10	2011	Convenience stores	Coffee	J&F	[13/01/01a]	5928	0.95	0.99
11	2011	Convenience stores	Coffee	J&F	[13/01/30]	8556	0.99	1.1
12	2011	Convenience stores	Coffee	J&F	[13/01/03]	4872	0.62	0.9
13	2011	Convenience stores	Coffee	J&F	[13/01/01]	4836	0.74	0.96
14	2011	Convenience stores	Coffee	J&F	[13/01/07]	7560	1.02	1.09
15	2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
16	2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4
17								
18								
19								
20								
21								

Custom sort

The screenshot shows the Microsoft Excel interface with the 'Home' tab selected. The ribbon includes options for Clipboard, Font, Alignment, Number, Styles, Cells, and Editing. The 'Sort & Filter' button in the Editing group is highlighted, and its dropdown menu is open, showing 'Sort Smallest to Largest', 'Sort Largest to Smallest', and 'Custom Sort...'. A tooltip for 'Custom Sort' is visible, stating: 'Choose more options, such as: sorting by multiple columns or rows, and case-sensitive sorts'.

The data table is located in the range B4:I16. The first row (B4) contains the following headers: Year, Type, Product group, Producer, Code, Volume, Cost per unit, Price per unit. The data rows (B5:I16) are as follows:

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores	Coffee	J&F	[13/01/05]	9588	0.92	1.01
2011	Convenience stores	Meat	J&F	[13/13/99]	528	5.4	7.6
2011	Convenience stores	Coffee	J&F	[13/01/06]	7836	1.19	0.96
2011	Convenience stores	Coffee	J&F	[13/01/02]	5712	0.89	0.97
2011	Convenience stores	Coffee	J&F	[13/01/04]	6228	0.65	1.07
2011	Convenience stores	Coffee	J&F	[13/01/01a]	5928	0.95	0.99
2011	Convenience stores	Coffee	J&F	[13/01/30]	8556	0.99	1.1
2011	Convenience stores	Coffee	J&F	[13/01/03]	4872	0.62	0.9
2011	Convenience stores	Coffee	J&F	[13/01/01]	4836	0.74	0.96
2011	Convenience stores	Coffee	J&F	[13/01/07]	7560	1.02	1.09
2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4

Below the table, there are two numbered steps:

- 1 Select the whole table
- 2 Go to the "Home" menu and select "Custom Sort"

Custom sort

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard Font Alignment Number Conditional Formatting

B5 2011

Sort data

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores	Co					1.01
2011	Convenience stores	Me					7.6
2011	Convenience stores	Co					0.96
2011	Convenience stores	Co					0.97
2011	Convenience stores	Coffee	J&F	[13/01/04]	6228	0.65	1.07
2011	Convenience stor						
2011	Convenience stor						
2011	Convenience stor						
2011	Convenience stor						
2011	Convenience stor						
2011	Convenience stor						

In the dialog box which opens we can select:

Sort

1 Column according to which to sort by

2 Criteria

3 How to order the data

OK Cancel

Custom sort

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Cut Copy Paste Format Painter Clipboard

Arial 9 A A B I U Font

Wrap Text Merge & Center Alignment

General Number

G4 Volume

Sort data

The table is sorted by each row's Volume figure

	Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
5	2011	Convenience stores	Coffee	J&F	[13/01/05]	9588	0.92	1.01
6	2011	Convenience stores	Coffee	J&F	[13/01/30]	8556	0.99	1.1
7	2011	Convenience stores	Coffee	J&F	[13/01/06]	7836	1.19	0.96
8	2011	Convenience stores	Coffee	J&F	[13/01/07]	7560	1.02	1.09
9	2011	Convenience stores	Coffee	J&F	[13/01/04]	6228	0.65	1.07
10	2011	Convenience stores	Coffee	J&F	[13/01/01a]	5928	0.95	0.99
11	2011	Convenience stores	Coffee	J&F	[13/01/02]	5712	0.89	0.97
12	2011	Convenience stores	Coffee	J&F	[13/01/03]	4872	0.62	0.9
13	2011	Convenience stores	Coffee	J&F	[13/01/01]	4836	0.74	0.96
14	2011	Convenience stores	Meat	J&F	[13/13/99]	528	5.4	7.6
15	2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
16	2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4

Select special

Select special

The screenshot shows the Microsoft Excel interface. The ribbon is set to 'Home'. The 'Clipboard' group contains 'Cut', 'Copy', 'Paste', and 'Format Painter'. The 'Font' group shows 'Arial' font, size '12', and various formatting options like bold, italic, underline, and text color. The 'Alignment' group includes options for text alignment and merge & center. The 'Number' group shows the 'General' format. The 'Conditional Formatting' icon is visible on the right. The formula bar shows 'B1' and the text 'Select special'. A callout box points to the formula bar with the text: 'If you want to select cells in a given range/table according to a criterion you can do the following:'. Below the formula bar, the spreadsheet grid is visible. Cell B1 contains the text 'Select special'. The data table starts at row 4, column A.

	Year	Type	Product gr	Producer	Code	Volume	Cost per unit	Price per unit
5	2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4
6	2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
7	2011	Convenience stores	Meat		[13/13/99]			
8	2011	Convenience stores	Coffee	J&F	[13/01/01]	4836	0.74	0.96
9	2011	Convenience stores	Coffee	n.a.	[13/01/01a]	5928	0.95	0.99
10	2011	Convenience stores	Coffee	J&F	[13/01/02]	5712	0.89	0.97
11	2011	Convenience stores	Coffee		[13/01/03]			
12	2011	Convenience stores	Coffee	J&F	[13/01/04]	6228	0.65	1.07
13	2011	Convenience stores	Coffee	J&F	[13/01/05]	9588	0.92	1.01
14	2011	Convenience stores	Coffee	J&F	[13/01/06]	7836	1.19	0.96
15	2011	Convenience stores	Coffee	J&F	[13/01/07]	7560	1.02	1.09
16	2011	Convenience stores	Coffee	J&F	[13/01/30]	8556	0.99	1.1

Select special

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard Font Alignment Number Styles Cells

B4 X ✓ fx Year

1 Select special

Year	Type	Product gr	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4
2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
2011	Convenience stores	Meat	J&F	[13/13/99]			
2011	Convenience stores	Coffee	J&F	[13/01/01]	4836	0.74	0.9
2011	Convenience stores	Coffee	n.a.				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				

Go To

Go to:

Sales12
Sales13

Reference:

Special... OK Cancel

- 1 Select the whole table
- 2 Click F5
- 3 Click on "Special"

Select special

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Cut Copy Paste Format Painter Clipboard

Arial 9 A A Font

Wrap Text Alignment Merge & Center Number

General Conditional Formatting

B4 Year

Select special

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4
2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
2011	Convenience stores	Meat	J&F	[13/13/98]			
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	n.a.				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				
2011	Convenience stores	Coffee	J&F				

Choose a criteria according to which you would like to select cells within the table

For example if we select "Blanks"

Go To Special

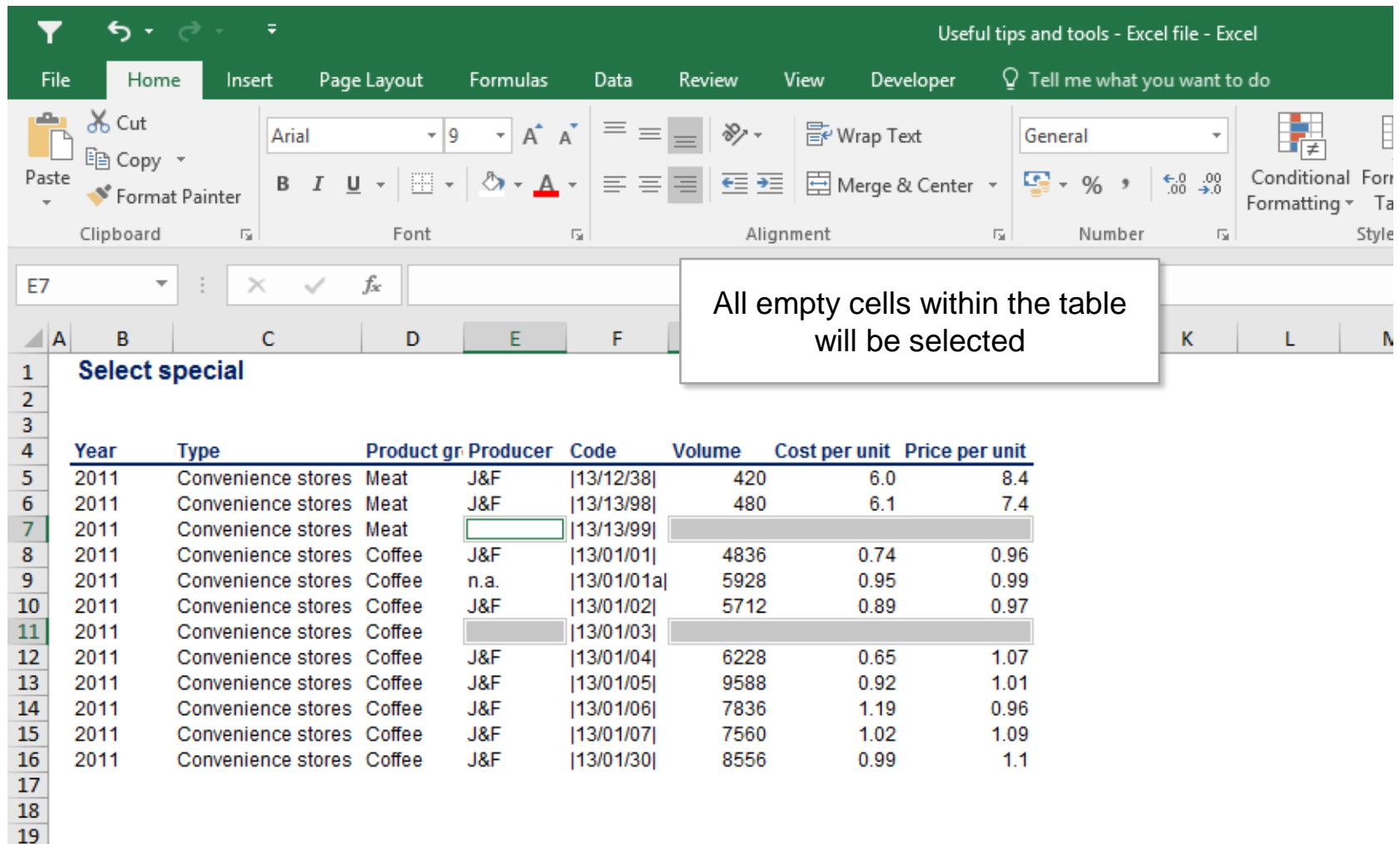
Select

- ☐ Comments
- ☐ Constants
- ☐ Formulas
- ☒ Numbers
- ☒ Text
- ☒ Logicals
- ☒ Errors
- ☒ Blanks
- ☐ Current region
- ☐ Current array
- ☐ Objects
- ☐ Row differences
- ☐ Column differences
- ☐ Precedents
- ☐ Dependents
- ☒ Direct only
- ☐ All levels
- ☐ Last cell
- ☐ Visible cells only
- ☐ Conditional formats
- ☐ Data validation
- ☒ All
- ☐ Same

OK Cancel

Wrap text Sort data Select special Data validation Dynamic naming Custom Formatting

Select special



Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Cut Copy Paste Format Painter Clipboard

Arial 9 A A B I U Font

Wrap Text Merge & Center Alignment

General Number Conditional Formatting Style

E7

All empty cells within the table will be selected

Select special

Year	Type	Product gr	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores	Meat	J&F	[13/12/38]	420	6.0	8.4
2011	Convenience stores	Meat	J&F	[13/13/98]	480	6.1	7.4
2011	Convenience stores	Meat		[13/13/99]			
2011	Convenience stores	Coffee	J&F	[13/01/01]	4836	0.74	0.96
2011	Convenience stores	Coffee	n.a.	[13/01/01a]	5928	0.95	0.99
2011	Convenience stores	Coffee	J&F	[13/01/02]	5712	0.89	0.97
2011	Convenience stores	Coffee		[13/01/03]			
2011	Convenience stores	Coffee	J&F	[13/01/04]	6228	0.65	1.07
2011	Convenience stores	Coffee	J&F	[13/01/05]	9588	0.92	1.01
2011	Convenience stores	Coffee	J&F	[13/01/06]	7836	1.19	0.96
2011	Convenience stores	Coffee	J&F	[13/01/07]	7560	1.02	1.09
2011	Convenience stores	Coffee	J&F	[13/01/30]	8556	0.99	1.1

Data validation

Data validation

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas **Data** Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Text to Columns Flash Fill Remove Data Val

Get External Data Get & Transform Connections Sort & Filter

D4

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3													
4		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price				
5		2011	Convenience stores		Lieken	[13/12/38]	420	6.0					
6		2011	Convenience stores		Lieken	[13/13/98]	480	6.1					
7		2011	Convenience stores		Lieken	[13/13/99]	528	5.4					
8		2011	Convenience stores		Lieken	[13/01/01]	4836	0.74					
9		2011	Convenience stores		Lieken	[13/01/01a]	5928	0.95					
10		2011	Convenience stores		Lieken	[13/01/02]	5712	0.89					
11		2011	Convenience stores		Lieken	[13/01/03]	4872	0.62					
12		2011	Convenience stores		Lieken	[13/01/04]	6228	0.65					
13		2011	Convenience stores		Lieken	[13/01/05]	9588	0.92					
14		2011	Convenience stores		Lieken	[13/01/06]	7836	1.19					
15		2011	Convenience stores		Lieken	[13/01/07]	7560	1.02					
16													
17													
18													
19													
20													
21													
22													

In order to create a drop-down list we have to do the following:

- 1 Select the range of cells for which you would like to create a drop-down list
- 2 Go to the "Data" menu and click on "Data Validation"

Data validation

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Text to Columns Data Validation

D4

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores		Lieken	[13/12/38]	420	6.0	8.4
2011	Convenience stores		Lieken	[13/13/98]	480	6.1	7.4
2011	Convenience stores		Lieken	[13/13/99]	528		
2011	Convenience stores		Lieken	[13/01/01]	4836		
2011	Convenience stores		Lieken	[13/01/01a]	5928		
2011	Convenience stores		Lieken	[13/01/02]	5712		
2011	Convenience stores		Lieken	[13/01/03]	4872		
2011	Convenience stores		Lieken	[13/01/04]	6228		
2011	Convenience stores		Lieken	[13/01/05]	9588		
2011	Convenience stores		Lieken	[13/01/06]	7836		
2011	Convenience stores		Lieken	[13/01/07]	7560		
2011	Convenience stores		Lieken	[13/01/30]	8556		

Data Validation

Settings Input Message Error Alert

Validation criteria

Allow:

- Any value
- Any value
- Whole number
- Decimal
- List
- Date
- Time
- Text length
- Custom

☐ Apply these changes to all other cells with the same settings

Clear All OK Cancel

In the dialog box which opens select the type of data that you would like to have in the selected range

Let's select "List"

Data validation

The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. A data table is visible in the background, and the 'Data Validation' dialog box is open in the foreground.

Data Table:

Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit
2011	Convenience stores		Lieken	[13/12/38]	420	6.0	8.4
2011	Convenience stores		Lieken	[13/13/98]	480	6.1	7.4
2011	Convenience stores		Lieken	[13/13/99]	528		
2011	Convenience stores		Lieken	[13/01/01]	4836		
2011	Convenience stores		Lieken	[13/01/01a]	5928		
2011	Convenience stores		Lieken	[13/01/02]	5712		
2011	Convenience stores		Lieken	[13/01/03]	4872		
2011	Convenience stores		Lieken	[13/01/04]	6228		
2011	Convenience stores		Lieken	[13/01/05]	9588		
2011	Convenience stores		Lieken	[13/01/06]	7836		
2011	Convenience stores		Lieken	[13/01/07]	7560		
2011	Convenience stores		Lieken	[13/01/30]	8556		

Data Validation Dialog Box:

- Tab: Settings
- Validation criteria: Allow: List, Data: between
- Options: ☒ Ignore blank, ☒ In-cell dropdown
- Source: [Empty field with a selection icon]
- Buttons: Clear All, OK, Cancel

Text Box:

Pick which values will be included in the list and click OK

Data validation

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas **Data** Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Show Queries From Table Recent Sources Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Text to Columns

Get External Data Get & Transform Connections Sort & Filter

D4

	A	B	C	D	E	F	G	H	I	J	K	L
1	Data validation											
2												
3		Year	Type	Product group	Producer	Code	Volume	Cost per unit	Price per unit			
4		2011	Convenience stores	Meat	Lieken	[13/12/38]	420	6.0	8.4			Meat
5		2011	Convenience stores	Coffee	Lieken	[13/13/98]	480	6.1	7.4			Coffee
6		2011	Convenience stores		Lieken	[13/13/99]	528	5.4	7.6			
7		2011	Convenience stores		Lieken	[13/01/01]	4836	0.74	0.96			
8		2011	Convenience stores		Lieken	[13/01/01a]	5928	0.95	0.99			
9		2011	Convenience stores		Lieken	[13/01/02]	5712	0.89	0.97			
10		2011	Convenience stores		Lieken	[13/01/03]	4872	0.62	0.9			
11		2011	Convenience stores		Lieken	[13/01/04]	6228	0.65	1.07			
12		2011	Convenience stores		Lieken	[13/01/05]	9588	0.92	1.01			
13		2011	Convenience stores		Lieken	[13/01/06]	7836	1.19	0.96			
14		2011	Convenience stores		Lieken	[13/01/07]	7560	1.02	1.09			
15		2011	Convenience stores		Lieken	[13/01/30]	8556	0.99	1.1			
16												
17												
18												
19												

Dynamic naming

Dynamic naming

The screenshot shows the Microsoft Excel interface with the **Data** tab selected. The ribbon includes options for **Get External Data**, **Get & Transform**, **Connections**, **Sort & Filter**, and **Data Tools**. The formula bar displays the formula `=P&L: "&C4`. Below the formula bar, the worksheet shows a table with columns A through P. The first column (A) contains the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2																
3																
4		Company name	Microsoft													
5		Fiscal Year	2013													
6		Local Currency	USD													
7		We work in	USD													
8		Conversion rates														
9		EUR/USD	1.34													
10		EUR/CHF	1.24													
11		CHF/USD	1.08													
12		Latest Reported Total De	0.00													
13		Latest Reported Cash	18.90													
14		tax rate	20%													
15		tax rate for synergies	23%													
16																
17																
18																
19																
20																

Overlaid on the screenshot are three numbered callouts explaining the formula creation process:

1. Type equal, as if you are creating a formula
2. Put within brackets the hard text. In this case "P&L."
3. Use the "&" function in order to link to a given cell (C4 in this example)

Dynamic naming

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

From Access From Web From Text From Other Sources Existing Connections New Query Recent Sources Show Queries From Table Recent Sources Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Flash Fill Remove Duplicates Data Validation Consolidate Relationships Manage Data

C4 Google

Dynamic naming

Company name Google

Fiscal Year 2013

Local Currency USD

We work in USD

Conversion rates

EUR/USD

EUR/CHF

CHF/USD

Latest Reported Total D

Latest Reported Cash

tax rate 20%

tax rate for synergies 23%

P&L: Google

	2009A	2010A	2011A	2012A	2013A
Total Revenues	23.7	29.3	37.9	50.2	59.8
Cost of Sales	(8.8)	(10.4)	(13.2)	(20.6)	(25.9)
Gross Profit	14.8	18.9	24.7	29.5	34.0
Margin %	62.6%	64.5%	65.2%	58.9%	56.8%
Expenses	(6.5)	(8.5)	(13.0)	(16.8)	(20.0)
	8.3	10.4	11.7	12.8	14.0
	35.1%	35.4%	31.0%	25.4%	23.3%
(expense)	-	-	(0.1)	(0.1)	(0.1)
Minorities	0.1	0.4	0.6	0.7	1.3
Taxes	(1.9)	(2.3)	(2.6)	(2.6)	(2.3)
Net Income	6.5	8.5	9.7	10.7	12.9

Change the content of C4 and it automatically updates in H4 as well

Custom formatting of cells

Custom formatting of cells

The screenshot displays the Microsoft Excel interface. The ribbon is set to the 'Home' tab, showing options for Clipboard, Font, Alignment, and Number. The active cell is C5, which contains the value '5'. A custom format has been applied to this cell, as indicated by the text 'Give a custom format to a cell' in a callout box. The spreadsheet grid shows columns A through M and rows 1 through 15. The text 'Custom formatting' is visible in the top left corner of the grid area.

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard Font Alignment Number

C5 5

Custom formatting

Give a custom format to a cell

Custom formatting of cells

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Clipboard Font Alignment Number Styles

Custom formatting

Give a custom format to a given cell

1 Right-click on the cell/range of cells

2 Go to "Format cells"

3 Click on "Custom"

4 Type in the menu the desired number format

Number Alignment Font Borders

Category:

General
Number
Currency
Accounting
Date
Time
Percentage
Fraction
Scientific
Text
Special
Custom

Sample
5

Type:

General
d.mmm
mm.yy
h:mm AM/PM
h:mm:ss AM/PM
h:mm
h:mm:ss
d.m.yyyy h:mm
mm:ss
mm:ss.0
@
[h]:mm:ss

Type the number format code, using one of the following

OK Cancel

Custom formatting of cells

The screenshot shows the Microsoft Excel interface. The 'Format Cells' dialog box is open, with the 'Custom' category selected in the left-hand list. The 'Type' field displays '0.0 x'. The background shows the Excel ribbon with the 'Number' group selected, and the cell C5 containing the value '5'.

Format Cells

Category:

- General
- Number
- Currency
- Accounting
- Date
- Time
- Percentage
- Fraction
- Scientific
- Text
- Special
- Custom

Type:

Sample: 5.0 x

Type: 0.0 x

##0.0E+0
?/?
??/??
d.m.yyyy
d.mmm.yy
d.mmm
mmm.yy
h:mm AM/PM
h:mm:ss AM/PM
h:mm
h:mm:ss

Delete

Type the number format code, using one of the existing codes as a starting point.

Assign any type of format: date, number, percentage etc.

Here we would like to have a “multiple” format, therefore we have “.0 x”

Custom formatting of cells

The screenshot displays the Microsoft Excel interface. The ribbon is set to the 'Home' tab, showing options for Clipboard, Font, Alignment, and Number. The active cell is C5, and the formula bar shows the value '5'. The spreadsheet grid shows columns A through K and rows 1 through 15. The text 'Custom formatting' is written in cell C1. In cell C5, the value '5' is displayed with a custom format of '5.0 x', which is highlighted by a green box. A text box with the text 'Here is the output format' is positioned next to the cell C5.

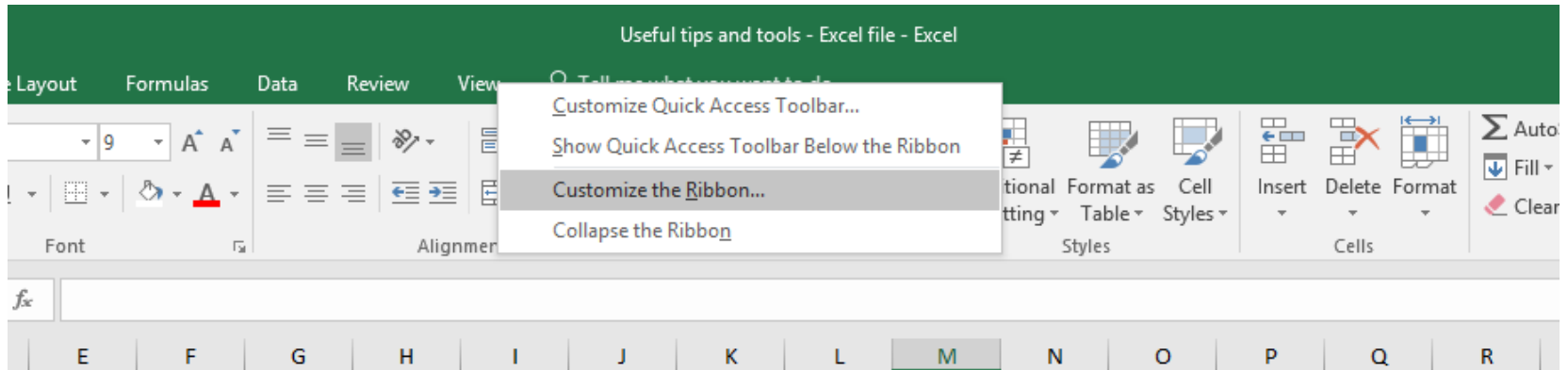
Custom formatting

5.0 x

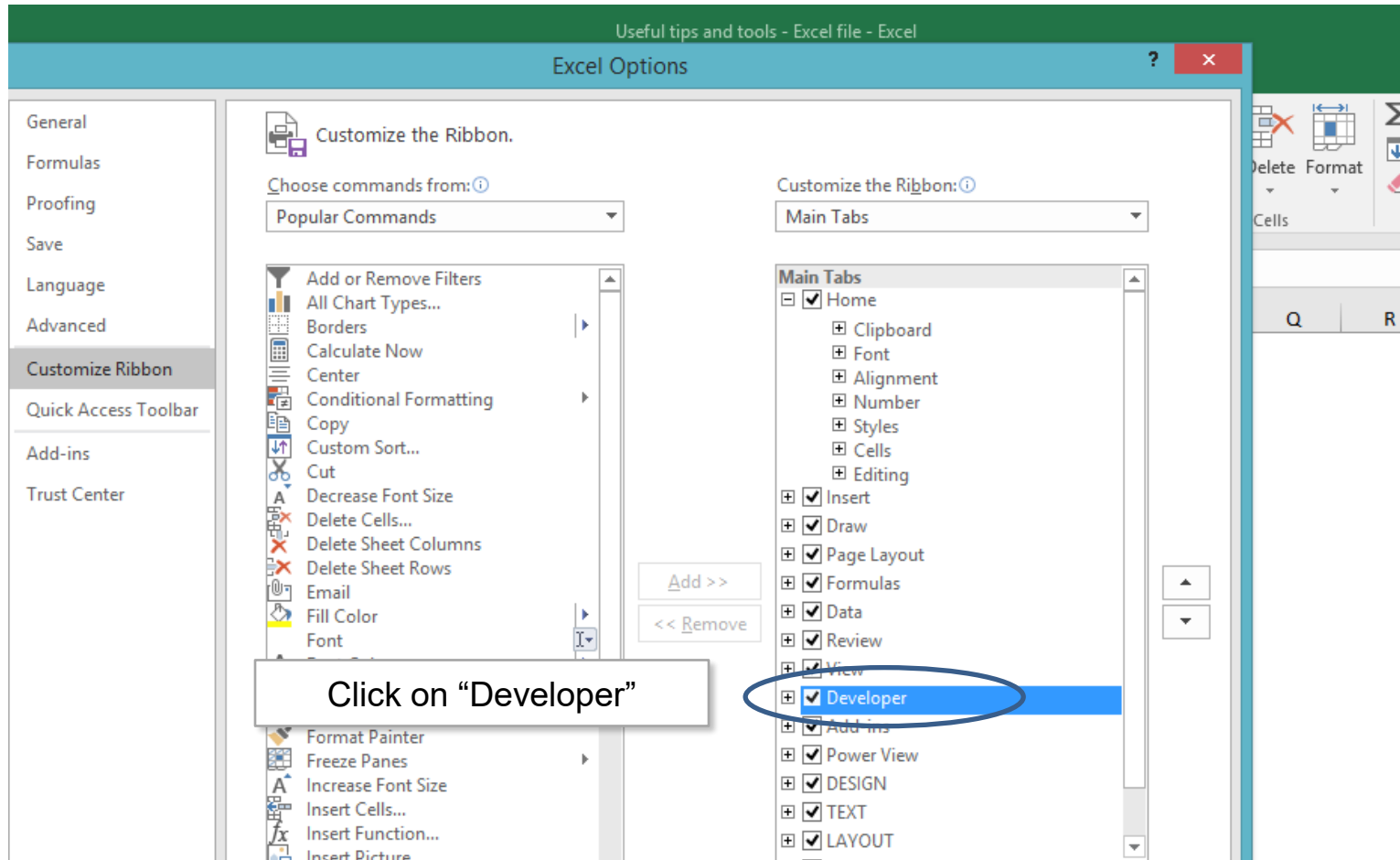
Here is the output format

Recording Macros

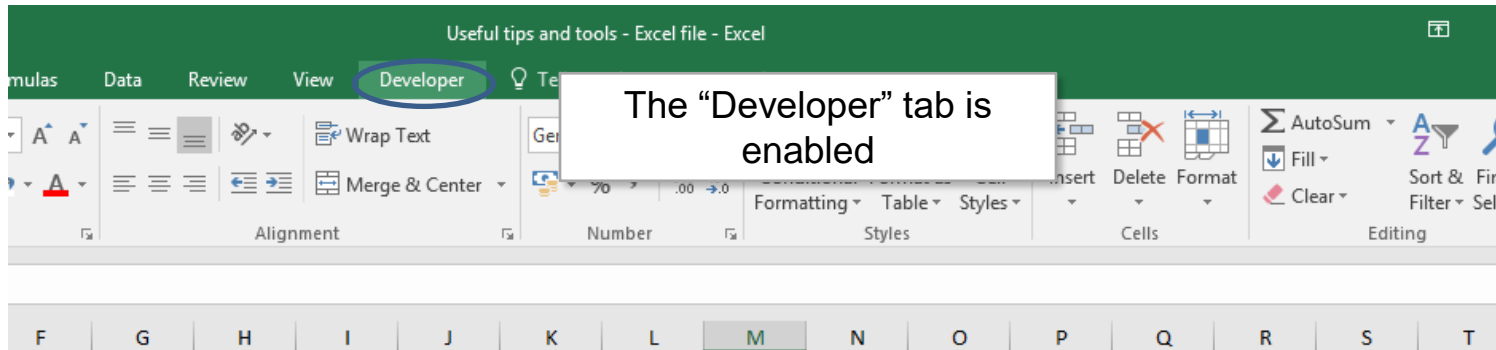
Recording Macros



Recording Macros



Recording Macros



Recording Macros

The screenshot shows the Microsoft Excel interface with the Developer tab selected. The 'Record Macro' button is circled in the 'Macros' group. A callout box points to it with the text 'Click on "Record Macro"'. Below the button, the 'Record Macro' dialog box is open, showing the 'Record a macro.' section. A second callout box points to the 'Name' field in the dialog with the text 'Assign a name to your new macro'. The dialog box also contains a description: 'Each of the commands you perform will be saved into the macro so that you can play them back again.' and a list of steps: '1. Open...', '2. Select the Developer tab', and '3. Click on Macros'. The spreadsheet area shows the formula bar with 'Forma' and the grid with columns A through N and rows 1 through 15.

Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View Developer Tell me what you want to do

Visual Basic Macros Use Relative References Macro Security Code Add-ins Excel Add-ins COM Add-ins Insert Design Mode View Code Run Dialog Source Map Properties Import Expansion Packs Export Refresh Data XML

Click on "Record Macro"

Record Macro
Record a macro.

Each of the commands you perform will be saved into the macro so that you can play them back again.

1. Open
2. Select the Developer tab
3. Click on Macros

Assign a name to your new macro

E5

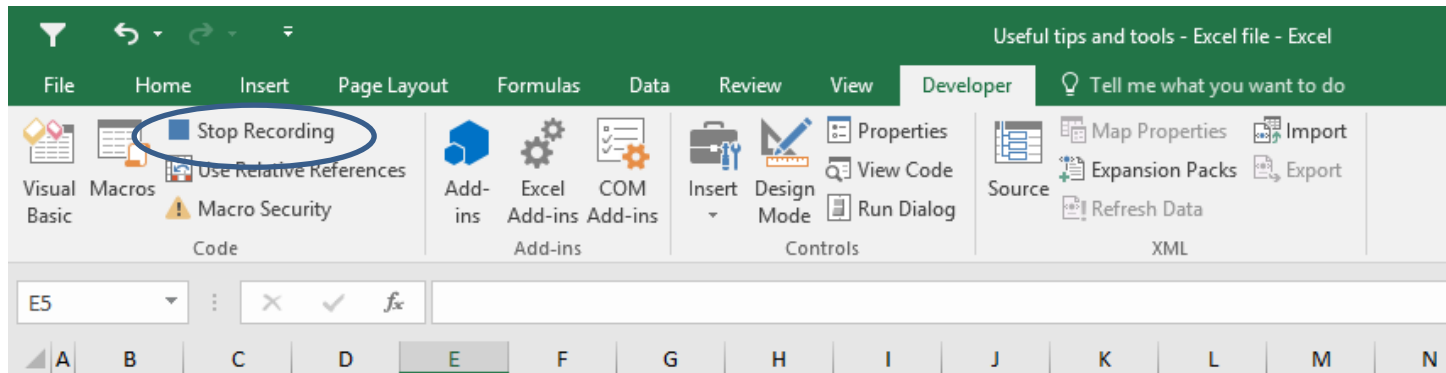
A B

Forma

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

F G H I J K L M N

Recording Macros



The screenshot shows the Microsoft Excel interface with the 'Developer' tab selected in the ribbon. The 'Stop Recording' button, represented by a blue square icon, is circled in blue. Other buttons visible in the 'Developer' tab include 'Visual Basic', 'Macros', 'Use Relative References', 'Macro Security', 'Add-ins', 'Excel Add-ins', 'COM Add-ins', 'Insert', 'Design Mode', 'Properties', 'View Code', 'Run Dialog', 'Source', 'Map Properties', 'Expansion Packs', 'Import', 'Export', and 'Refresh Data'. The worksheet area shows column E selected, and the formula bar is empty.

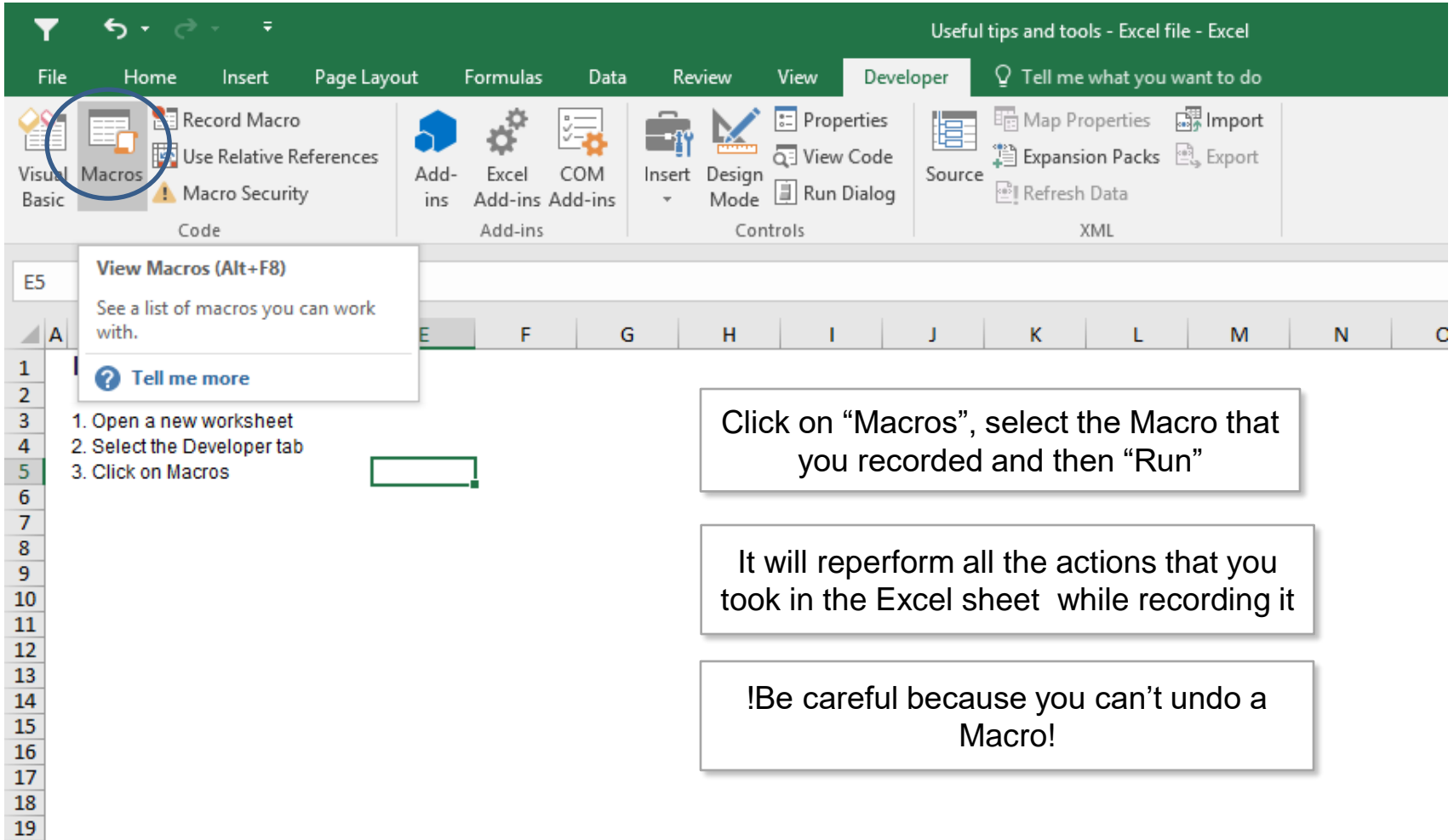
Format

1. Open a new worksheet
2. Select the Developer tab
3. Click on Macros

Every action that you perform while recording will be memorized

Once you are ready, click on “Stop Recording”

Recording Macros



Useful tips and tools - Excel file - Excel

File Home Insert Page Layout Formulas Data Review View **Developer** Tell me what you want to do

Visual Basic Macros Record Macro Use Relative References Macro Security Code

Add-ins Excel Add-ins COM Add-ins Insert Design Mode Properties View Code Run Dialog

Source Map Properties Import Expansion Packs Export Refresh Data XML

View Macros (Alt+F8)
See a list of macros you can work with.
[? Tell me more](#)

1. Open a new worksheet
2. Select the Developer tab
3. Click on Macros

E5

E F G H I J K L M N O

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

Click on “Macros”, select the Macro that you recorded and then “Run”

It will reperform all the actions that you took in the Excel sheet while recording it

!Be careful because you can’t undo a Macro!

Name cell ranges

Name cell ranges

Select a cell or a cell range and click in this box

Assign a name of your choosing to the cell/cell range

		Sales	Sales
4	U.S.	12.0	14.0
5	U.K.	3.4	3.3
6	Canada	2.0	3.4
7	Rest of the World	11.0	10.4
8	Total	28.4	31.1

Name cell ranges

The screenshot shows the Microsoft Excel interface. The ribbon is set to 'Home'. The formula bar at the top displays the formula `=SUM(Sales12)`, which is circled in blue. Below the formula bar, the worksheet grid is visible. The active cell is C8, which contains the value 28.4. The range C4:C8 is highlighted with a green border. The data in the worksheet is as follows:

		FY12 Sales	FY13 Sales
3	Euro in million		
4	U.S.	12.0	14.0
5	U.K.	3.4	3.3
6	Canada	2.0	3.4
7	Rest of the World	11.0	10.4
8	Total	28.4	31.1

A text box on the right side of the worksheet contains the following text:

If you prefer you can use this name when typing formulas like in the example above