Index

Ad size paper, 289 absolute references, 128 accounting number format style, 158 add-ins content, explained, 138 downloading from the office store, 140 task pane, explained, 138 uses of, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete tormula entry using, 86 AutoComplete text entry using, 110 AutoFill coustom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B draw border line tool, using to add, 175 cancel button, 62 cells. See also styles; comments; formatting active cell, 76 aligning contents of, vertically, 168 borders, adding to, 174 conditional formatting of, 182 copying one to another, 112 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 entering values into, 62 entering values into, 62 entering values into, 62 entering text withor, 62 entering text withor, 64 enter across selection, 164 chart source data adding serics, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, defi	A	adding to cells, 174
absolute references, 128 accounting number format style, 158 adid-ins content, explained, 138 uses of, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 162 vertical, of cell contents, 168 ali key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 Cancel button, 62 cells. See also styles; comments; formatting active cell, 76 aligning contents of, horizontally, 162 aligning contents of, horizontally, 162 aligning contents of, horizontally, 168 borders, adding to, 174 conditional formatting of, 182 copying one to another, 112 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 entering values into, 62 entering set et within, 164 custom styles, creating, 178 deleting, 82 entering text into, 62 entering values into, 62 enterin	A4 size paper, 289	draw border line tool, using to add, 175
accounting number format style, 158 add-ins content, explained, 138 downloading from the office store, 140 task pane, explained, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERACE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 Cancel button, 62 cells. See also styles; comments; formattling active cell, 76 aligning contents of, horizontally, 162 aligning contents of, vertically, 168 borders, adding to, 174 conditional formatting, of, 182 copying one to another, 112 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering values into, 62 entering values int		
add-ins content, explained, 138 downloading from the office store, 140 task pane, explained, 138 uses of, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill coustom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 cancel button, 62 cells. See also styles; comments; formatting active cell, 76 aligning contents of, horizontally, 162 aligning contents of, boration, 174 conditional formatting of, 182 copying one to another, 112 copying o		C
content, explained, 138 downloading from the office store, 140 task pane, explained, 138 uses of, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, 2 B cells. See also styles; comments; formatting active cell, 76 aligning contents of, horizontally, 162 aligning contents of, horizontally, 20 astigning contents of, horizontally, 162 aligning contents of, horizontally, 162 aligning contents of, horizontally, 20 aligning contents of, horizontally, 162 aligning contents of, horizontally, 162 aligning contents of, horizontally, 162 copying usin drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 enter	•	cancel button, 62
downloading from the office store, 140 task pane, explained, 138 uses of, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mosuse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 82 SUM a non contiguous range with, 82 SUM a non contiguous range with, 82 B backstage view, 48 aligning contents of, horizontally, 168 borders, adding to, 174 conditional formatting of, 182 copying one to another, 112 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 entering text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing, 224 changing, 224 charging, 184 adding series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, definin		
task pane, explained, 138 uses of, 138 uses of, 138 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, R2 aligning contents of, horizontally, 162 aligning contents of, horizontally, 168 aligning contents of, horizontalls, 188 borders, adding to, 174 conditional formatting of, 182 copying one to another, 112 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 entering values into, 62 merging, 164, 166 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing 224 charts see also chart source data, charting by hiding rows and columns, 234 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, defining, 234 horizontal in the continuous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting of, 182 copying one to an	-	
aligning contents of, vertically, 168 alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 all key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 Autofill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 Autofit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 Bbackstage view, 48	~	
alignment center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFil rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, 82 B backstage view, 48 borders, adding to, 174 conditional formatting of, 182 copying one to another, 112 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering values into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 waterion, 19 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering values into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, lidelen and empty cells settings, 232 horizontal (category) axis labels, editing, 234 horizontal (category) axis labels, cefining, 234 horizontal (category) axis labels, coffining, 234 horizontal (category) axis labels, cefining, 234 horizontal (category) axis labels, coffining, 234 horizontal (category) axi		
center across selection, 164 horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, 82 E copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting, 82 entering text into, 62 merging, 164, 166 selecting a range of, 69 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, cefining, 234 horizontal (category) axis labels, cefining, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting,		
horizontal, of cell contents, 162 vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE functions, 22 backstage view, 48 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering values into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, defining, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis title element, 215, 220 axis if the element, 215, 220 axis if the element, 215, 220		<u>e</u>
vertical, of cell contents, 168 alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 copying using drag and drop, 114 custom styles, creating, 178 deleting, 82 entering text into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 124 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, configuring, 234 series, deleting, 224 charts ource data adding series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, configuring, 234 series, deleting, 224 char		_
alt key, 32 android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 82 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B custom styles, creating, 178 deleting, 82 entering text into, 62 entering values into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, in a worksheet, 79 styles, applying to, 62 selecting a range of, 69 selecting		** *
android. See operating system apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 82 SUM a non contiguous range with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48		
apple mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B entering text into, 62 entering values into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 assigning non contiguous, 226 changing, 224 changing using select data source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 243 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis formattine, 243		
mac version of Excel 2016, 320 missing Excel 2016 features in mac version, 320 missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 AutoComplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 entering values into, 62 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis formatting, 243	. 0 .	•
missing Excel 2016 features in mac version, 320 mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 merging, 164, 166 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis formatting, 243		~
mouse, 22 windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 selecting a range of, 69 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing, 224 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 netromation, 232 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 225 charting a range of, 69 styles, applying to, 172 unique values, detecting with with ronditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguou		~
windows version of excel, differences to, 267, 335 apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 selecting all in a worksheet, 79 styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting 243	~	~ ~
apple OS X. See operating system arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B styles, applying to, 172 unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis title element, 215, 220 axis formatting 243	·	
arrange all, 64 Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B unique values, detecting with conditional formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis title element, 215, 220 axis title element, 215, 220 axis formatting, 243	• • • • • • • • • • • • • • • • • • • •	· ·
Autocomplete formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B formatting, 185 wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 124 bidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
formula entry using, 86 AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B wrapping text within, 164, 166 center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis title element, 215, 220 axis formatting, 243	~	
AutoComplete text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 Center across selection, 164 chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting 243	-	<u> </u>
text entry using, 110 AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 Chart source data adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
AutoFill custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B adding series, 230 assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis title element, 215, 220 axis formatting 243	-	
custom fill series, creating, 94 date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 Average functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B assigning non contiguous, 226 changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting 243	•	
date series, examples of, 92 filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 Changing, 224 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		~
filling down, right, up and left with, 111 formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 changing using select data source dialog tools, 224 deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243	_	
formulas, using to adjust, 90 smart tag options, using, 92 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B average deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243	-	~ ~
deleting series, 230 text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B deleting series, 230 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
text and numeric series, creating with, 88 AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 hidden and empty cells settings, 232 horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
AutoFit rows and columns, 79, 119 automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B horizontal (category) axis labels, defining, 234 horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		9
automatic updates applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B horizontal (category) axis labels, editing, 235 legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243	<u>e</u>	
applying, 26 switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B legend entries (series), 224 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
switching on and off, 26 AutoSum, 66 AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 non-contiguous source data, charting by hiding rows and columns, 232 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 axis title element, 215, 220 axis formatting, 243	•	
AutoSum, 66 rows and columns, 232 AVERAGE functions, creating with, 82 numerical axis labels, configuring, 234 SUM a non contiguous range with, 80 charts. See also chart source data; visualizations; AVERAGE function, 82 sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
AVERAGE functions, creating with, 82 MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 numerical axis labels, configuring, 234 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243	9	
MAX functions, creating with, 82 SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 series, deleting, 224 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
SUM a non contiguous range with, 80 AVERAGE function, 82 B backstage view, 48 charts. See also chart source data; visualizations; sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243	_	
AVERAGE function, 82 Sparklines 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243		
B 3-D elements, formatting in, 220 activating, 209 axis title element, 215, 220 axis formatting, 243	e e	
backstage view, 48 activating, 209 axis title element, 215, 220 axis formatting, 243	AVERAGE function, 82	•
backstage view, 48 axis title element, 215, 220		<u> </u>
backstage view, 48 axis, formatting, 243	В	
axis formatting 743	backstage view, 48	
	binary workbook format, 38	axis, formatting, 243

borders

axis, maximum and minimum values, setting, 243	style, changing, 216 styles, explained, 206
borders, formatting in, 218	templates, creating from, 254
category data explained, 228	text box, adding to, 240
color set, applying to, 216	tips, 215
combination, creating, 248	title element, 215, 218, 220
copying, 210, 216	title element, linking to worksheet cell, 218
creating quick charts with visualizations, 186	title element, re-positioning to dead center, 222
creating quickly with two clicks, 208	transparency, 219
data labels, adding to, 238	trend line, adding, 250
data labels, formatting, 239, 243, 250	type, changing, 248
data series explained, 220	types, explained, 206
data table, adding to, 215	values and labels, importance of selecting, 208
deleting, 210, 216	vertical (value) axis defined, 215, 220
deleting elements from, 222	vertical axis, creating chart with two, 246
elements, explained, 206	x axis defined, 215, 220
elements, formatting in, 218	y axis defined, 215, 220
elements, moving in, 222	check box, 46
elements, re-sizing in, 222	clipboard
embedding in worksheet, 211	described, 112
empty data points, dealing with, 236	close button, 30
fill color, changing of in elements, 240	cloud computing. See also OneDrive; Excel Online,
fonts, changing sizes in, 223	See also OneDrive; Excel Online
format shape task pane, working with, 218	advantages of (sidebar), 321
gradiated fill, adding, 252	collapse dialog button, 225
gridlines explained, 220	color sets, component of a theme, 170
gridlines, major & minor, adding, 242	columns
gridlines, major & minor, enabling and	deleting, 108
disabling, 243	freezing, 142
hidden and empty cells button, 237	hiding, 232
horizontal (category) axis defined, 215, 220	inserting, 108
layout, changing, 214, 215, 220	making several the same size, 79
layouts, explained, 206	resizing automatically, 78
legend, displaying in different places, 223	selecting, 72
line with markers chart type, creating, 246	selecting non contiguous, 72
moving average, adding, 250	unhiding, 232
naming, 210, 216	width of, manually changing, 79
numerical axis labels, configuring, 234	comma style, 158
pie charts, 244	comma[0] style, 158
pie charts, pulling a slice out of the pie, 245	comments
pie charts, rotating, 245	changing the user name shown in, 122
plot area, 220	displaying, one or more all of the time, 125
recommended charts feature, 212	hiding, 125
re-sizing, 210, 216	inserting, 122
rows/columns, switching, 228	moving, 124
secondary axis, adding, 247	printing, 126
selection pane, using to activate, 210	printing all at the end, 126
series data explained, 228	printing exactly as displayed on a worksheet,
shadows, applying to elements, 220	126
shapes, inserting into, 241	re sizing, 123
sheet, moving to, 211	showing all, 124

conditional formatting. See also visualizations explained, 182 formula driven, 188 highlighting a complete row of data with, 189 quick analysis button, applying with, 182 rules manager, managing multiple with, 184 unique values, detecting with, 185 confirm button, 62 copying one cell to another cell, 112 using drag and drop, 114 currency prefixes, 63 styles for, 159 cursor shapes, explained, 69 custom formatting codes, 155, 160	F1-F12 keys, 74 files. See also workbooks; documents formats supported, 36, 38 opening with earlier Excel versions, 38 organization of, 40 fill. See AutoFill find and replace options, 274 using, 274 fn key, 74 font sets, component of a theme, 170 fonts default, changing, 178 font sets, use in themes, 170
custom lists, 94	serif and sans serif explained, 170
cut, 112	format painter, 196 formatting. See also themes
	3-D Elements, 220
D	aligning cell contents horizontally, 162
dates and times	aligning cell contents vertically, 168
custom format, 155	borders around cells, 174
difference in days between two dates,	cell styles, 172
calculating, 157	chart borders, 218
formatting, 154	chart elements, 218
internationally safe formats, benefits of, 154	color, 172
serial number, explained, 156	conditional, 182
time value, containment within dates, 156	custom cell styles, 178
decimal places, changing number of, 116	custom codes, 160
documents. See also files	dates, 154
organization of, 40	format painter, copying with, 196
pinning, 40	numbers using built-in styles, 158
downloading the sample files, 34	rotating text, 198
drop-down list, 46	shadows, 220
E	themes, changing, 172
<u> </u>	themes, understanding, 170
editing cell contents, 62	transparency, 219
Excel 97-2003 workbook format, 38	visualizations, comparing values with, 186 formula bar
Excel Online, 322, See also OneDrive	expanding and collapsing, 164, 166
browsers, supported, 325	explanation of, 68
edit workbook simultaneously with other users	graphic showing location of, 36
using, 328	showing and hiding, 52
open workbook using, 324	formulas
overview of, 322	absolute and relative references in, 128
ribbon, hiding and showing in, 325	Autocomplete, creating with, 86
save local copy of read-only workbook, 327	AutoFill, adjusting with, 90
save, automatic, explained, 324	AVERAGE function, creating using AutoSum,
excel version. <i>See</i> office version	82
Excel workbook file format, 36, 38	conditional format, driving with, 188
exponential. See series	cross-worksheet, creating, 270

F2 key to display range addressed by, 83 option key, 32 formula bar, viewing in, 68 keyboard shortcuts MAX function, creating using AutoSum, 82 AutoSelect a range, 77 AutoSum, 66 mouse selection, creating with, 84 multiplication operator (*) using in, 85 bold, 72 SUM function, creating using AutoSum, 66 close, 30 syntax box, understanding, 86 copy, 112 visual keyboard technique, creating with, 85 create a mixed cell reference, 131 fractions, entering into cells, 63 cut, 113 freeze columns and rows, 142 cycle through worksheets, 43 delete column, 108 full screen view, 32 functions delete row, 108 AVERAGE, 82 fill down, 111 MAX, 82 fill right, 111 ROUND, 159 find, 274 SUM, 66, 80 full screen view, 32 insert a comment into a cell, 122 G insert chart, 208 insert column, 108 gallery, 46 insert row, 108 goto special, 77 italic, 72 growth. See series make a relative reference absolute, 129 mission control, 64 H move to cell A1, 142 move to the end of a range, 144 hashes indication that columns are too narrow by, 154 paste, 112 quit, 30 help system execute command, using to, 54 redo, 120 replace, 274 searching, 54 ribbon, show/hide, 44 hide rows and columns, 232 hide values, using three semicolon custom format, save, 36 save as, 36 hiding and unhiding worksheets, 268 select every cell in a worksheet, 78 spell check, 146 underline, 72 undo, 120 Intelliprint, 292 workbook, create new, 64 internet. See OneDrive; Excel Online iPad pro, 318 landscape orientation, 283 success story of (sidebar), 318 language, 146 iPad, described, 319 letter size paper, 289 lines, adding beneath cells, 174 justify, horizontal alignment option, 163 M macro enabled workbook format, 38 magic mouse, 22 keyboard Magic Mouse, 98 alt key, 32

marching ants, 66

marquee, 66

F1-F12 keys, 74

fn key, 74

MAX function, creating using AutoSum, 82	OneDrive. See also, microsoft account; Excel
menus	Online
shortcut (contextual), 22	advantages of using, 317
standard, 46	alternatives to, 317
merge and center button, 164, 166	link, sharing using share button, 326
merge, cells, 164, 166	lunchtime lock, problems caused by, 316
microprocessor	open a workbook from, 316
AMD and Intel, 318	save a workbook to, 36, 314
ARM instruction set, 318	save local copy of read-only workbook, 327
desktop, laptop and smartphone, differences	security concerns, 315
between, 318	SharePoint, using in place of, 315
explained, 318	social networks, sharing links via, 326
intel atom x5 and x7, 319	subscriptions, 314
used in tablet and smartphone devices, 318	operating system
x64 instruction set, 318	android, 319
microsoft autoupdate, 26	apple OS X, 319
-	explained, 319
microsoft surface (tablet computer), 319	iOS, 319
mighty mouse, 22	
minimize button, 30	Windows 10 mobile, 319
mixed cell references, 130	option key, 32
mouse	organizing
configuring, 22	excel files, 40
right clicking, 22	sample files folder, 34
scroll wheel, 98	
zooming with, 98	Р
moving	page layout view, 50, 284
the Excel window, 30	paper sizes explained, 289
multiplication operator (*), 85	paste, 112
	paste special, 117
N	paste values, 117
name box, 34	PDF, workbook format, 39
negative numbers, entering into cells, 63	percentage style, 159
normal view, 50	portrait orientation, 283
number sign (#), 78	pound sign (#), 78
numbers	precision, changing to avoid rounding errors, 159
changing number of decimal points displayed,	
116	printing
116	area, setting, 300
116 using built-in styles with, 158	area, setting, 300 autoheaders and autofooters, adding, 294
using built-in styles with, 158	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126
	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302
using built-in styles with, 158	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a
using built-in styles with, 158 O office insider program, 26	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126
using built-in styles with, 158	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126 comments, printing all at the end, 126
using built-in styles with, 158 O office insider program, 26 office theme, changing, 28 office version. <i>See also</i> Excel Online	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126 comments, printing all at the end, 126 headers & footers, adding custom, 296
office insider program, 26 office theme, changing, 28 office version. <i>See also</i> Excel Online availability of different versions, 321	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126 comments, printing all at the end, 126 headers & footers, adding custom, 296 headers & footers, including an ampersand (&)
office insider program, 26 office theme, changing, 28 office version. <i>See also</i> Excel Online availability of different versions, 321 checking Excel version, 26	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126 comments, printing all at the end, 126 headers & footers, adding custom, 296 headers & footers, including an ampersand (&) in, 296
office insider program, 26 office theme, changing, 28 office version. See also Excel Online availability of different versions, 321 checking Excel version, 26 office 2016 for mac, 320	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126 comments, printing all at the end, 126 headers & footers, adding custom, 296 headers & footers, including an ampersand (&) in, 296 headers & footers, specifying different first,
office insider program, 26 office theme, changing, 28 office version. <i>See also</i> Excel Online availability of different versions, 321 checking Excel version, 26	area, setting, 300 autoheaders and autofooters, adding, 294 cell comments, adding, 126 column headings, showing on every page, 302 comments, exactly as displayed on a worksheet, 126 comments, printing all at the end, 126 headers & footers, adding custom, 296 headers & footers, including an ampersand (&) in, 296

margins, custom, adjusting with page setup, 286	select all button, to select a range containing every cell in a worksheet, 79
over then down, page order, changing with,	selecting, 68
304	selecting visually for formulas with the mouse,
page breaks, adjusting using page break preview,	84
292	transposing, 118
page breaks, inserting and deleting, 290	visualizations, comparing values with, 186
page number, setting the starting value, 294	recommended charts, using, 212
page order, changing, 304	redo, 120
paper orientation, changing, 283	relative references, 128
paper size, setting, 288	replace cell contents using find and replace, 274
paper sizes explained, 289	reset to match style, 221
part of a worksheet, 300	restore down button, 30
previewing on screen, 48, 50, 282	ribbon
row headings, showing on every printed page,	benefits of wide screen with, 44
302	command groups on, 46
rulers, showing and hiding, 285	contextual tabs, explanation of, 45
scaling to fit paper, 288	controls on, 46
several worksheets at the same time, 304	font panel controls, explanation of, 45
processor. See microprocessor	overview, 44
processor. See interoprocessor	showing and hiding (minimizing), 45, 52
Q	rotate text, 198
Q	rounding errors, avoiding, 159
quick access toolbar	
adding commands to, 48	rows
adding separators to, 48	conditional format, highlighting entire row
deleting commands from, 48	with, 189
quick analysis	copying contents of one to another, 114
conditional formatting, creating with, 182	deleting, 108
quit excel, 30	freezing, 142
quotations	hiding, 232
Aristotle, 46	inserting, 108
Baltasar Gracián, 96	making several the same size, 79
Benjamin Disraeli, 281	manually setting height of, 79
Confucius, 19	resizing automatically, 78
David Hume, 250	selecting, 72
Euripides, 21	selecting non contiguous, 72
Frederick R. Barnard, 205	unhiding, 232
Henry Ford, 261	rulers, showing and hiding in page layout view,
Margaret Thatcher, 107	285
Oscar Wilde, 153	rules manager
Robert Collier, 30	controlling conditional formatting with, 184
Winston Churchill, 18	editing rules with, 186
Whiston Churchin, 18	
R	S
	sample files
ranges	downloading, 34
AutoSelect, selecting automatically with, 76	organizing folder 34

copying data across, 70

non contiguous, selecting, 74

entering data into, 70

sample files
downloading, 34
organizing folder, 34
sans serif and serif fonts explained, 170
save, 36, 38
select all button, 264
selecting cells, 68

series	currency[0], 158
dialog, 96	custom, 178
exponential, 96	importance of using theme colors and fonts,
growth, 96	181
linear, 96	master style book, using, 180
start value, 96	merging, 180
step value, 96	percentage, 159
stop value, 96	removing from cells, 172
serif and sans serif fonts explained, 170	SUM function
share button, 326	creating manually using formula
shortcut keys. See keyboard shortcuts	AutoComplete, 86
smart tag	creating using AutoSum, 66
explained, 68	surface. <i>See</i> microsoft surface (tablet computer)
options, 92	switch windows, 64
using to paste values, 117	<u> </u>
SmartPhone	T
explained, 318	. 11 .
sparklines, 190	tablet computer
column type, inserting, 191	explained, 318
date axis, specifying for, 194	tabs. See worksheets
deleting, 192	templates
empty cells, setting options for, 237	creating, 134
formatting	custom, about, 132
line thickness (weight), changing, 193	potential problems when using samples, 132
marker (data point) color, 193	using, 24, 136
markers (data points), 193	the smart method
single sparkline rather than group, 195	learning by participation, 19
group and ungroup, 195	two facing pages rule, 18
hidden cells, show/hide on sparkline, 237	themes. See also office theme
inserting group of into a range of cells, 190	changing, 172
line type, inserting, 191	changing the default, 170
size of containing cell, changing, 193	color sets, 170
style, changing with style gallery, 193	custom, creating, 176
type, changing, 193	explained, 170
ungroup and group, 195	font sets, 170
uses of, 190	importance of using theme colors and fonts, 170
vertical axis, applying common scaling to	times. See dates and times
sparkline group, 192	
win/loss type, inserting, 191	title bar, 64
spell checking	touchscreen, gestures, 324
dictionary language, setting, 146	transparency, 219
using, 146	transpose, 118 trend. <i>See also</i> series
split button, 46	
split, window into multiple panes, 144	linear and exponential, 96 trend line. <i>See</i> charts
start Excel, 24	tiend line. See Charts
styles	U
accounting number format, 158	U
applying cell styles, 172	undo, 120
built-in, for numbers, 158	unhide rows and columns, 232
comma, 158	unique values, detecting with conditional
comma[0], 158	formatting, 185

V	workbooks. See also files
values. See also Styles	changing default number of worksheets in, 42
built-in styles, applying to, 158	creating new, 64
currency prefixes, using with, 63	duplicating worksheets in, 264
entering into cells, 62	open from OneDrive, 316
fractions, entering into cells, 63	opening, 34
negative numbers, entering into cells, 63	save to OneDrive, 314
precision, changing to avoid rounding errors,	saving, 36, 38
159	switching between open workbooks, 64
rounding errors, avoiding, 159	viewing the same workbook in two windows,
version. See office version	262
vertically align cell contents, 168	viewing two at the same time, 64
visualizations, 186	views, 50
color scale, 186	worksheets
comparing values with, 186	3-D creating, 272
data bar, 186	adding, 42
icon set, 186	changing default number of, 42
rules manager, editing with, 186	chart worksheets, explanation of, 42
use of <i>show bar only</i> to create quick charts, 186	copying from one workbook to another, 266
1,	deleting, 42
W	duplicating, 264
	gridlines, switching off in, 174
web browser. See OneDrive; Excel Online	groups, 272
wildcards	hiding and unhiding, 268
searches using, 274	maximum number of rows and columns in, 34
windows	navigating, 34, 42
arrange all, using to automatically size, 64	non-contiguous, selecting, 272
closing, 30	renaming, 42
maximizing, 32	tab colors, changing, 43
minimizing, 30	wrapping
moving, 30	splitting wrapped text into different lines, 169
resizing, 30	text in cells, 164, 166
restoring, 30	
splitting into multiple panes, 144	Z
switching to view a different workbook, 64	zoom button, 30, 32
views, creating two of the same workbook, 262	zoom control 98

zoom control, 98