



## Exercise Five

5.1 Returning to Workbook ex4\_3, create a 'count' Total on the Products Group Worksheet. Create a Title calling the Worksheet 'Products Group Total'.

Save as ex5\_1.dis

Products Group Total			
	▶ Group Number	Group Name	Group Description
▶ 1	2	GARDENING	Contains gardening tools, plants and furniture
▶ 2	3	BUILDING	Building materials
▶ 3	4	DECORATING	Contains wallpaper and paint, etc
▶ 4	5	BATHROOM	Bathroom suites and accessories
▶ 5	1	HARDWARE	Hardware items including nuts and bolts
6	Count: 5		

Product List   Products Group   Product Sales   Employee Information   Product Sales Crosstab

# Exercise Five

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5.2 In the Products List Worksheet of ex5\_1 ...

Add the Group Number Item, note that its heading will need to be formatted.

Pivot this Item to the most left hand column of the Worksheet.

Create a new Total which sums the number of Products in Stock for each Group.

Set the format of the Total to be larger than the normal data.

Save as ex5\_2.dis

# Exercise Five



## 5.2

	▶ Group Number	▶ Product Number	▶ Name	Cost	No. Stock
▶ 1	1	21	1 HINGE PACK (LH)	£2.99	33
▶ 2		22	1 HINGE PACK (RH)	£2.99	148
▶ 3		23	POZIDRIVE SCREWS 1 INCH	£3.99	48
▶ 4		24	POZIDRIVE SCREWS 3 INCH	£3.99	84
▶ 5		25	SLEDGEHAMMER	£29.99	83
6					<b>Sum: 396</b>
▶ 7	2	1	LAWN MOWER BLADE	£10.99	57
▶ 8		2	GNOME	£6.99	34
▶ 9		3	RUBBER PLANT	£4.00	33
▶ 10		4	ROSE BUSH - PINK	£12.99	78
▶ 11		5	ROSE BUSH - RED	£12.99	2
12					<b>Sum: 204</b>
▶ 13	3	6	BLUE CIRCLE CEMENT	£4.99	934
▶ 14		7	COARSE SAND	£6.00	45
▶ 15		8	FINE SAND	£3.20	123
▶ 16		9	BREEZE BLOCKS	£209.99	342
▶ 17		10	RED BRICKS	£345.00	98
18					<b>Sum: 1542</b>
▶ 19	4	11	ROSE VINYL WALLPAPER	£5.99	89
▶ 20		12	5 BRUSH SET	£7.00	164
▶ 21		13	CROWN NON DRIP GLOSS - WHITE	£7.00	57
▶ 22		14	CROWN NON DRIP GLOSS - MAGNOLIA	£7.00	66
▶ 23		15	WALLPAPER PASTE	£3.00	33
24					<b>Sum: 409</b>
▶ 25	5	16	NOSTALGIA SUITE	£399.99	11
▶ 26		17	BATH SIDE PANEL - FINE	£40.00	9
▶ 27		18	BATH SIDE PANEL - MAHOGANY	£40.00	2
▶ 28		19	CHROME TAPS	£60.99	45
▶ 29		20	GOLD EFFECT TAPS	£65.99	77
30					<b>Sum: 144</b>

# Exercise Five



5.3 In the Products Sales Crosstab Worksheet create Sum Totals for both the across and down axis, save as ex5\_3.dis.

	▶ ROSE VINYL WALLPAPER	▶ RUBBER PLANT	▶ SLEDGEHAMMER	▶ WALLPAPER PASTE	Sum
▶ 03-DEC-1999			10		70
▶ 04-DEC-1999			13		91
▶ 05-DEC-1999		17			85
▶ 06-DEC-1999		20		20	140
▶ 07-DEC-1999		23		23	138
▶ 08-DEC-1999		27			162
▶ 09-DEC-1999		30			210
▶ 10-DEC-1999		33			198
▶ 11-DEC-1999				37	185
▶ 12-DEC-1999	40				200
▶ 13-DEC-1999	43				301
▶ 14-DEC-1999	47				282
▶ 15-DEC-1999	50				250
▶ 16-DEC-1999	53				318
▶ 17-DEC-1999	57				285
▶ 18-DEC-1999	60				300
▶ 19-DEC-1999	63				252
▶ 20-DEC-1999	67				335
▶ 21-DEC-1999			70		420
▶ 22-DEC-1999			73		438
▶ 23-DEC-1999					385
▶ 24-DEC-1999					480
▶ 25-DEC-1999					498
▶ 26-DEC-1999					522
▶ 27-DEC-1999		90			540
▶ 28-DEC-1999		93		93	558
▶ 29-DEC-1999		97		97	582
▶ 30-DEC-1999		100		100	700
Sum	54743	54393	15477	54437	1002699

## Exercise Five

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5.4 Returning to the Products List Worksheet, create the following percentages ...

A percentage for each Number in Stock expressed against the Grand Total

A percentage for each Number in Stock expressed against the Sub-Total

Make sure each percentage is given appropriate headings and sufficient decimal places.

Note that the headings of each will need formatting.

Create an exception on the Grand Total percentage Item where the value is greater than 20.

# Exercise Five



## 5.4

	Group Number	Product Number	Name	Cost	No. Stock	Sub-Total Percentage	Grand Total Percentage
▶ 1	1	21	1 HINGE PACK (LH)	£2.99	33	8.33%	1.224%
▶ 2		22	1 HINGE PACK (RH)	£2.99	148	37.37%	5.492%
▶ 3		23	POZIDRIVE SCREWS 1 INCH	£3.99	48	12.12%	1.781%
▶ 4		24	POZIDRIVE SCREWS 3 INCH	£3.99	84	21.21%	3.117%
▶ 5		25	SLEDGEHAMMER	£29.99	83	20.96%	3.080%
6					<b>Sum: 396</b>		
▶ 7	2	1	LAWN MOWER BLADE	£10.99	57	27.94%	2.115%
▶ 8		2	GNOME	£6.99	34	16.67%	1.262%
▶ 9		3	RUBBER PLANT	£4.00	33	16.18%	1.224%
▶ 10		4	ROSE BUSH - PINK	£12.99	78	38.24%	2.894%
▶ 11		5	ROSE BUSH - RED	£12.99	2	0.98%	0.074%
12					<b>Sum: 204</b>		
▶ 13	3	6	BLUE CIRCLE CEMENT	£4.99	934	60.57%	34.657%
▶ 14		7	COARSE SAND	£6.00	45	2.92%	1.670%
▶ 15		8	FINE SAND	£3.20	123	7.98%	4.564%
▶ 16		9	BREEZE BLOCKS	£209.99	342	22.18%	12.690%
▶ 17		10	RED BRICKS	£345.00	98	6.36%	3.636%
18					<b>Sum: 1542</b>		
▶ 19	4	11	ROSE VINYL WALLPAPER	£5.99	89	21.76%	3.302%
▶ 20		12	5 BRUSH SET	£7.00	164	40.10%	6.085%
▶ 21		13	CROWN NON DRIP GLOSS - WHITE	£7.00	57	13.94%	2.115%
▶ 22		14	CROWN NON DRIP GLOSS - MAGNOLIA	£7.00	66	16.14%	2.449%
▶ 23		15	WALLPAPER PASTE	£3.00	33	8.07%	1.224%
24					<b>Sum: 409</b>		
▶ 25	5	16	NOSTALGIA SUITE	£399.99	11	7.64%	0.408%
▶ 26		17	BATH SIDE PANEL - PINE	£40.00	9	6.25%	0.334%
▶ 27		18	BATH SIDE PANEL - MAHOGANY	£40.00	2	1.39%	0.074%
▶ 28		19	CHROME TAPS	£60.99	45	31.25%	1.670%
▶ 29		20	GOLD EFFECT TAPS	£65.99	77	53.47%	2.857%
30					<b>Sum: 144</b>		

# Exercise Five



5.5 Create an average Total for the Cost Item in the Products List Worksheet which is displayed for each sub-group, in addition create a Grand 'average' for the Cost ...  
Save as ex5\_5.dis.

	▶ Group Number	▶ Product Number	▶ Name	Cost	No. Stock	Sub-Total Percentage	Grand Total Percentage
▶ 1		21	1 HINGE PACK (LH)	£2.99	33	8.33%	1.224%
▶ 2		22	1 HINGE PACK (RH)	£2.99	148	37.37%	5.492%
▶ 3		23	POZIDRIVE SCREWS 1 INCH	£3.99	48	12.12%	1.781%
▶ 4		24	POZIDRIVE SCREWS 3 INCH	£3.99	84	21.21%	3.117%
▶ 5		25	SLEDGEHAMMER	£29.99	83	20.96%	3.080%
6				Average: £8.79	<b>Sum: 396</b>		
▶ 7	2	1	LAWN MOWER BLADE	£10.99	57	27.94%	2.115%
▶ 8		2	GNOME	£6.99	34	16.67%	1.262%
▶ 9		3	RUBBER PLANT	£4.00	33	16.18%	1.224%
▶ 10		4	ROSE BUSH - PINK	£12.99	76	38.24%	2.894%
▶ 11		5	ROSE BUSH - RED	£12.99	2	0.98%	0.074%
12				Average: £9.59	<b>Sum: 204</b>		
▶ 13	3	6	BLUE CIRCLE CEMENT	£4.99	934	60.57%	34.657%
▶ 14		7	COARSE SAND	£6.00	45	2.92%	1.670%
▶ 15		8	FINE SAND	£3.20	123	7.98%	4.564%
▶ 16		9	BREEZE BLOCKS	£209.99	342	22.18%	12.690%
▶ 17		10	RED BRICKS	£345.00	98	6.36%	3.636%
18				Average: £113.84	<b>Sum: 1542</b>		
▶ 19	4	11	ROSE VINYL WALLPAPER	£5.99	89	21.76%	3.302%
▶ 20		12	5 BRUSH SET	£7.00	164	40.10%	6.085%
▶ 21		13	CROWN NON DRIP GLOSS - WHITE	£7.00	57	13.94%	2.115%
▶ 22		14	CROWN NON DRIP GLOSS - MAGNOLIA	£7.00	66	16.14%	2.449%
▶ 23		15	WALLPAPER PASTE	£3.00	33	8.07%	1.224%
24				Average: £6.00	<b>Sum: 409</b>		
▶ 25	5	16	NOSTALGIA SUITE	£399.99	11	7.64%	0.408%
▶ 26		17	BATH SIDE PANEL - PINE	£40.00	9	6.25%	0.334%
▶ 27		18	BATH SIDE PANEL - MAHOGANY	£40.00	2	1.39%	0.074%
▶ 28		19	CHROME TAPS	£60.99	45	31.25%	1.670%
▶ 29		20	GOLD EFFECT TAPS	£65.99	77	53.47%	2.857%
30				Average: £121.39	<b>Sum: 144</b>		
31				Average: £51.92			